## **Appendix C**

**Groundwater Sample Information Sheets** 

Site: Location: Job #:	Genuine I Indianapol 212564	is, IN		Well #: IW -   Sample I.D. #: TWI - 02   5   1   Sample Time: 75:00 Sample Date: 2/15/11								
Personnel Present D	Ouring Sampling:					•						
Well/Purging Inform Purging method Sampling method Tubing materia Screen Lengtl Top of well screen. Pump intake set a Casing radiu: Well materia	1: <u>bladd</u> d: <u>poly</u> h: :	ft. ft. below measuring processing for the strength of the str		2) D 3) L 4) V n (F 5) N		or to purging dumn in well: #1 tanding in well 632 for 2" ID an Il volume purgi volumes required	(2) 1-#2 = (3) .	12.7.0 ) wells.	(ft) (ft) (ft) (gal)			
Bladder Pump Cont	troller Settings (if	used) <u>;</u>	Recharge time Discharge time			sec) sec)	Pressure: Cycles per minute:		psi)			
Stabilization:												
Time 14:25 14:30 14:35 14:40 14:45 "14:50 14:55	Depth to Water (ft)   12.31'   12.31'   12.31'   12.31'   12.31'	Volume Pumped () 2.0 3.0 4.0 50 4.0 7.0 6.0	Pumping Rate (MLM)  200 200 200 200 200 200	рн <u>у.53</u> <u>у.чь</u> <u>у.чь</u> <u>у.чя</u> <u>у.чя</u> <u>у.чя</u> <u>у.чя</u>	1.46 1.46 1.45 1.45 1.47 1.44 1.43	Turbidity (NTU)  0.0  0.0  0.0  0.0  0.0	Temp (°C) 10.33 10.71 10.77 10.87 10.88	DO (mg/L) 1.93 1.11 5.99 0.39 0.55 0.54	ORP (mV) -88 -105 -110 -115 -117			
Sample Para	rameter	Sample V		Bot	tle Type	Number 3	of Bottles	Preserva	tion/Prep			
<u> </u>	<del></del>	250	ML	AM	<u> </u>	l		<u>H25</u>	<del>204</del>			
Puriba us	tact: 14:	15 50 50 50 50 50 50 50 50 50 50 50 50 50		MID 30	927	ce mel	ting som	ne cqu	sing p	u ddle		
Low Flow Sampli water measurement	ing: W	ell purge flow rate minutes. If excessi	of approximately	0.5L/min or 0.5 ft.), reduc	less. Collect in	.2 L/min). Sta		hree successi				

Location: Indianapolis, JN   Sample I.D. #: Sample Date:	-U
Personnel Present During Sampling:	<u>-u</u>
Personnel Present During Sampling:    Well/Purging Information:   1) Well depth (from top of measuring point)	<u> →(I</u>
Well/Purging Information:   Purging method:	
Purging method:  Sampling method:  Low-Flow  Tubing material:  Screen Length:  ft.  Top of well screen;  Pump intake set at:  Casing radius:  Well material:  Well material:  PVC / #316 SS / Galv. Steel  Other:  Bladder Pump Controller Settings (if used):  Bladder Pump Controller Settings (if used):  Recharge time:  1) Well depth (from top of measuring point)  2) Depth to water prior to purging  3) Length of water column in well: #1 - #2 =  4) Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for  (Required for well volume purging approach  (Required for well volume purging approach  6) Maximum volume to be purged: #4 x #5 =  Other:  Bladder Pump Controller Settings (if used):  Recharge time:  5 (sec)  Cycles per material:  Stabilization:	
Sampling method:  Tubing material:  Screen Length:  ft.  Top of well screen;  Pump intake set at:  Casing radius:  Well material:  Other:  Bladder Pump Controller Settings (if used):  Bladder Pump Controller Settings (if used):  Stabilization:  Casing radius:  Other:  Casing radius:  Discharge time:  Discharge time:  Discharge time:  Casing radius:  Other:  Casing radius:  Discharge time:  Disc	(1)(ft)
Tubing material:  Screen Length:  ft.  ft.  Top of well screen;  Pump intake set at:  Casing radius:  Well material:  Other:  Bladder Pump Controller Settings (if used):  Bladder Pump Controller Settings (if used):  Stabilization:  3) Length of water column in well: #1 - #2 = 40 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Number of purge volumes required of Maximum volume to be purged: #4 x #5 = 0 Volume of purge volumes required of Maximum volume to be purged: #4 x #5 = 0 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Discharge time: 50 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Discharge time: 50 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Discharge time: 50 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Discharge volumes required of Discharge volumes required of Discharge volumes required of Discharge time: 50 Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for (Required for well volume purging approach of Discharge volumes required of Discharge volumes requir	(2)(ft)
Screen Length:  Top of well screen;  Pump intake set at:  Casing radius:  Well material:  PVC / #316 SS / Galv. Steel  Other:  Bladder Pump Controller Settings (if used):  Bladder Pump Controller Settings (if used):  Stabilization:  4) Volume of water standing in well  multiply #3 by 0.1632 for 2" ID and 0.0408 for  (Required for well volume purging approach  (Required for well volume purging approach  6) Maximum volume to be purged: #4 x #5 =  Other:  Bladder Pump Controller Settings (if used):  Recharge time:  Discharge time:  5 (sec)  Cycles per material:  Stabilization:	(3) (ft)
Top of well screen; ft. below measuring point ft. below measuring poin	(4) (gal)
Casing radius:  Well material: PVC / #316 SS / Galv. Steel Other:  Bladder Pump Controller Settings (if used):  Recharge time: Discharge time:  Stabilization:	1" ID wells.
Well material: PVC / #316 SS / Galv. Steel Other:  Bladder Pump Controller Settings (if used):  Recharge time: 10 (sec) Presidence Stabilization:	only)
Other:    Bladder Pump Controller Settings (if used):   Recharge time:   10   (sec)   President	(5)
Discharge time: 5 (sec) Cycles per m.  Stabilization:	(6)(gal)
Stabilization:	ssure: (psi)
<del></del>	mute
Depth to Volume Pumping Conductance Turbidity	
Time Water (ft) Pumped () Rate () pH () (NTU) Temp (°C	DO OI (mg/L) (m
14:37 13.60 200 7.05 0.496 0.0 12.53	3.03 9.
14:42 13.60 <u>200 6.94 0.566 0.0 12.09</u>	_ <u>1,53 /c</u>
14:47 13.60 800 6.97 0.633 0.0 12.05	1.09 100
	- <del>777</del> 6
	_ <del>0.5/                                    </del>
14157 13,60 200 7,03 0.781 00 12,14	<u> Oill 9</u>
74100 13.61 200 7.03 0.791 0.0 12.15	0.0 9
	_ <del></del> <del>_</del>
	<u> 0.0 9</u>
15:06 13.59 200 7.03 0805 0.0 12.10	4 0.0 93
	<del></del>
4	
	<del>_</del>
Sample Parameter Sample Volume Bottle Type Number of Bottles	Preservation/Pre
16C Deal 40a4 Anter 3	HCI
Comments/Observations/Weather Conditions: Puge Start 14132 Stability Parties	1: 15:06
IW-2 Sampled; 1510	
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements.	rements and denth to
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization v	vith three successive
readings of $\pm$ 0.1 pH, $\pm$ 3% conductivity, $\pm$ 10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior	

3.5

Site:	Genuine	Parts		·		Well#	MW-10	-IR				
Location:	Indianapo	_ <del></del>				Sample 1.D. #			1611			
Job #:	212564	11B				Sample Time Sample Date						
						Sample Date		<u> </u>				
Personnel Present D	uring Sampling:											
Well/Purging Inform	nation:											
Purging method		<u>ser pump</u>	_		Vell depth (from to	-	=	41	(ft)			
Sampling method		.ow-Flow	-	2) Depth to water prior to purging  (2) (ft)  3) Length of water column in well: #1 - #2 = (3)								
Tubing material		ft.	-		_		· · · · · · · · · · · · · · · · · · ·		(ft)			
Screen Length Top of well screen;		ft, below measuring pe	oint		olume of water st nultiply #3 by 0.1	-	4) 1 "1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	•	(gal)			
Pump intake set a		ft. below measuring po			Required for wel							
Casing radius		in.			lumber of purge v							
Well material	l: P <b>()</b> / #316 \$	SS / Galv. Steel		6) N	laximum volume	to be purged: #4	x #5 = (6	<u> </u>	(gal)			
	Other:											
Bladder Pump Contr	roller Settings (if	used):	Recharge tim	e:	10 (	sec)	Pressure	։ <u> 18</u> գ	si)			
			Discharge tim		<del></del> `		Cycles per minute		,			
Sankilingsing.								_				
Stabilization:								π				
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP			
Time	Water (ft)	Pumped ()	Rate (ML)	pH	witem	(NTU)	Temp (°C)	(mg/L)	(mV)			
13:35	16.01	1.0	200	7.13	0.950	44.4	12.36	<u>3.77</u>	<u>73</u>			
13:40	16.07	2.0	200	7.05	0.919	29.4	12.03	3.27	78			
13:50	16.07	<del></del>	2.00	6.96	0.912	16.6	11.85	2.72	84			
13:55	16.07	5.0	200	6.93	0.911	13.7	11.83	2.63	85			
14:00	16.07		200	6.92	0.911	6.5	11:81	2.25	87			
14:05		<u> </u>		- 41			17.07					
	<u> </u>	7.0	2.00	<u>10.41</u>	0.911	8.2	11.15	2.24	<u> </u>			
14:10	16.07	<u>4.0</u>	<u> 700</u>	6.91	0.911	5.9	11.72	<u>2.24</u>	<u>89</u>			
<u> 1445</u>	16.07	9.0	200	<u>6.91</u>	0.910	<u>3.9</u>	<u> 11.73</u>	2.23	<u>90</u>			
•			-									
					<del></del>							
Sample Para	ameter	Sample V	olume	Bo	ttle Type	Number	of Bottles	Preservati	ion/Pren			
VOL		12-0	_		AL.		2	HCL	•			
400	<u>,                                     </u>	120	71416		<u> </u>				<u> </u>			
	_											
				. <del></del>	<del></del>	-						
Comments/Observat	tions/Weather Co	onditions:	DUNNY:	LOW	50'5							
Purge &	tart: 13	36										
purge ?	14 COOK	120										
HOLI FOR	<u> </u>	157898X_	m	10. 2	417							
VVI OHER		59184			2.2192	7						
	•		•									
Low Flow Sampli		Vell purge flow rate of minutes. If excession										
		ictivity, ±10% tempe										

Site:	Genuine	Parts				Well	#: MW-	132R	
Location:	Indianapo					Sample I.D.			
Job#:	21256					Sample Tim	ie: /3:20		
		_				Sample Dat	ie: <u>2~/6~/.</u>	/	
Personnel Present L	Ouring Sampling:								
Well/Purging Infor	mation:								
Purging method			_	1) \	Well depth (from	top of measurin		1)	(ft)
Sampling metho		Low-Flow	<u>.</u>	2) I	Depth to water pr	rior to purging	C	2)	(ft)
Tubing materia		<del>-</del> _	•		_	column in well: #		3)	<sup>(ft)</sup>
Screen Lengt		_ft.				standing in well		4)	—(gal)
Top of well screen		ft. below measuring po					and 0.0408 for 1"		
Pump intake set a Casing radiu		_ ft. below measuring po in.	oint			en volume purg volumes require	ging approach on		
-	al: PVC / #316;	<b>-</b> *****				e to be purged: #		5) 6)	— (gal)
THE HIMCH	Other:	SS 7 GRIV. SICCI		0, 1	viuximum voium	ie to oe pargea. 1	/+ X II		— \emi)
	_								
Bladder Pump Con	troller Settings (if	f used):	Recharge time	:		(sec)	Pressur	e:	(psi)
			Discharge time	:	5	(sec)	Cycles per minut	e: 4	
Stabilization:									
	<b>.</b>								
Time	Depth to	Volume	Pumping	-17	Conductance	•	T (9C)	DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	D 19	1 4 9	(NTU)	Temp (°C)	(mg/L)	(mV)
12:00	1172.6/		120×10	7.18	1.08	0.0	12.00	4,50	150
13108	N.68		200	7,/8	1,08	0,0	11,56	3,88	134
13/17	11.68		220	718	108	0.0	1/ 4/2	3,69	725
13110	11 (5)			7,14	1100		120		136
1311)	1.60		<u> 750</u>	7,17	1.08	_ <i>0.</i> 0	11,38	3,50	<u> 75.6</u>
15:18	11.68		220	<u>7,20</u>	· <u>/.09</u>	0.0	<u> 1/-37</u>	<u>3.40</u>	136
				_					-
						· ·	· <del></del>		
							· <del></del>		
					-			-	
	· ——								
						_			
	-					_			
						_			
					•				
Sample Par	rameter	Sample Vo	olume	, Bo	ttle Type	Numbe	er of Bottles	Preserv	ation/Prep
υα.		(20ml		40m	el Amhar	•	3	HC.	
					10111111				
		-							
				<del> </del>					
Comments/Observa	ations/Weather Co	onditions:							
								<u>-</u>	
Low Flow Sample		Well purge flow rate o	of approximately	0.5L/min c	r less. Collect	in-line water o	quality measuren	nents and dep	th to
water measureme	ents every 3 to 5	minutes. If excessive	e drawdown (>0	).5 ft.), redu	ice purge rate (	(0.2 L/min). St	tabilization with	three success	sive
readings of ± 0.1	pH, ±3% condi	activity, ±10% tempe	rature, turbidity,	and DO. I	Disconnect in-l	ine water quali	ty meter prior to	sampling.	

Site:	Genuine					Well #			. 1
Location: Job #:	21256					Sample I.D. #	<u>: MW 1331</u>	<u>3-0214</u> :0	11
300 W.	21230	416				Sample Date		1	
								•	
Personnel Present De	uring Sampling:								
Well/Purging Inform		. 4			•				
Purging method:	<u>blooder</u>	pump	_		ell depth (from t	-			_(ft)
Sampling method Tubing material		Low-Flow	-		epth to water pri ength of water co		, ,	) <mark>ब. ५.५ _</mark>	_(ft)
Screen Length		ft.	-		olume of water of		1 - #2 = (3)		(gal)
Top of well screen;		ft. below measuring po	oint			_	nd 0.0408 for 1" I		_ (8)
Pump intake set at	:	ft. below measuring po	oint	(I	Required for we	ll volume purgi	ing approach only	y)	
Casing radius		_ <sup>in.</sup>			umber of purge	•	7 '		_
Well material	: PNC / #316 Other:	SS / Galv. Steel		6) M	laximum volume	to be purged: #	$4 \times #5 = (6)$	)	_(gal)
Bladder Pump Contr	roller Settings (i	fucad):	Recharge tim	۵.	10	(sec)	Pressure	، سيد	nei)
Bladder Fullip Conti	oner senings (r	ruseu):	Discharge tim			(sec) (sec)	Cycles per minute		psi)
Stabilization:									
	Danth to	Volume	Pumping		Condustanas	Tuebiditu		<b>D</b> O	OPP
Time	Depth to Water (ft)	Pumped ()	Rate (YA VA)	ρН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
14:55	9.94	2.0	2.00	7,30		272	9,55	1.54	88
	9,94				1.62			<del></del>	
14:00		3.0	200	7.16	1.59	175	9.65	1.44	93
17:05	9,94	4.0	200	7.10	<u>1.58</u>	<u>130</u>	9.68	<u>1.39</u>	95
17:40	9.94	<u> 5.0</u>	200	<u>7.07</u>	1.57	<u> %৮.৭</u>	9.76.	1.38	<u>96</u>
1715	984	<u> </u>	200	7.05	<u>1.56</u>	<u> 71.0</u>	<u> </u>	1.34	97
17:20	9.94	7.0	200	7.04	1.56	50.1	9,80	1.32	98
17:25	9.94	<del></del>	200	7.03	1.56	49.7	9,20	1.28	98
17:30	9,94	9,0	200	7.03	1.56	49.9	9.83	1.24	98
17:35	9,94	10.0	200	7.02	<u>1.55</u>	40.6	<u>9,83</u>	<u>i.(5</u>	97
17:40	9,94	1(-0	<u>200</u>	7.02	<u> 1.55</u>	<u>40,4</u>	9.84	1.08	97
17:45	9.94	12.0	<u> 200 </u>	7.02	<u>_1,55_</u>	<u> 39, 8</u>	9.87	1,00	<u>96</u>
		<del></del>							
Sample Para	meter	Sample V	_		tle Type		r of Bottles		tion/Prep
VOC_		120 v	η <u></u>	414	<u> </u>		<u> </u>	<u>HC</u>	<u> </u>
					<u></u>				
						· · ·	<del></del> -		
Comments/Observat	ions/Weather C	onditions:	CLOUDY.	43° F	, hree	Zu .			
purge sta		1.45	<del> · · )                             </del>		1 0:35				
purge enc	17:50	<u> </u>							
HOLIDA	152: US	7 49 4 4	MPLO	: 2417					
		51540%	Lompre		1927				
	•		•						
Low Flow Samplin		Well purge flow rate of							
		5 minutes. If excessivuctivity, ±10% temper							ve
readmigs of ± 0.1	, 1, ±370 CONG	activity, ±10% tempe	aginic, inidially	, and DO. D	racounicer III-III	ne water qualit	y meter prior to	շարրույց.	

Site:	Genuine	Parts				Well	#: <u>MW-</u>	146	
Location:	Indianapo					Sample I.D.	#:	7 (5)	
Job#:	21256					Sample Tim	ie: <b>/4:15</b>		
						Sample Dat	e: <u>2~6~</u>	· <i>[[</i>	
Personnel Present Du	uring Sampling:								
Well/Purging Informa	ation:								
Purging method:			_			top of measurin		1)	_
Sampling method:		Low-Flow	_		Depth to water pr		(3	2)	(ft)
Tubing material: Screen Length:		ft.	-		-	column in well: # standing in well	F1 - #2 = (.	3) 4)	—(ft) (gal)
Top of well screen;		- 11. ft. below measuring po	oint			_	and 0.0408 for I"		— (gai)
Pump intake set at:		ft. below measuring po					ging approach on		
Casing radius:		_in.				volumes require		5)	_
Well material;	Other:	SS / Galv. Steel		6) 1	Maximum volum	e to be purged: #	‡4 x #5 = (6	6)	(gal)
Bladder Pump Contro	oller Settings (if	fused):	Recharge time Discharge time		10	(sec)	Pressur Cycles per minut		(psi)
Stabilization:						,	.,		•
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ( )	eII	Conductance	Turbidity	Tan- (9C)	DO (ma/L)	ORP
10 me	Ÿ qz	rumpea ()	Rate ()	ン1ン bH	W 201	(NTU)	Temp (°C)	(mg/L)	(mV) 1 <b>つう</b>
17.09	9,36		<del>~20</del>	4	0, 31	0.0	14,60	0,40	الجيك
14107	4,41		240	7119	0.)92	0.0	14.35	0.0	100
<u> 14:70                                     </u>	9,92		240	7,15	0.793	0.0	14,12	0.0	. <u>119                                   </u>
14113	9,9 (		240	7.14	0.24	0,0	13,92	9.9	114
					<del></del>		<u> </u>		<del></del>
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							·		
					-	-			-
							· <del></del>		. ——
							-		-
		<del></del>	<del></del>		-		<del>-</del>		
		<del></del>							
Sample Parar	meter	Sample Vo	alume	Ro	ttle Type	Numb	er of Bottles	Preser	ation/Prep
1 2	incici	120 m	,	Lina	/ A.L.	. Italia	> Donnes	WC	/adois/11cp
		3000		70M	C MARIE	·		<u> //C</u>	1
			,						
Comments/Observati	nns/Westher C	onditions:							
Comments Observati	OLIGI (FEAGLE) U								
		<del></del>							
Low Flow Samplin	ıg: \	Well purge flow rate of	of approximately	0.5L/min c	r less. Collect	in-line water o	quality measuren	nents and der	pth to
water measuremen	ts every 3 to 5	minutes. If excessive	ve drawdown (>	0.5 ft.), redu	ice purge rate (	(0.2 L/min). S	tabilization with	three succes	
readings of ± 0.1 p	H, ±3% condi	uctivity, ±10% tempe	rature, turbidity	, and DO. I	Disconnect in-l	ine water quali	ity meter prior to	sampling.	

Site:	Genuine l						MW-14		<u> </u>
Job#:	212564					Sample Time:		K - 0213	<del>'                                    </del>
300 11.	212304	1111				•	2115111		
Personnel Present D	Ouring Sampling:					•			
Well/Purging Inform	nation:							•	
Purging method	: <u>bladde</u>	r pump	_	1) W	ell depth (from t	op of measuring	point) (1)	<u> </u>	_(ft)
Sampling method		ow-Flow	_		epth to water price			<u> 11.73</u>	_(ft)
Tubing materia			_		ength of water co				_(ft)
Screen Lengtl		ft.			olume of water st	-	(4) d 0.0408 for 1" ID		(gal)
Top of well screen Pump intake set a		ft, below measuring p ft, below measuring p			• •		ig o.0408 for f = 12 ig approach only)		
Casing radius		in.	buit		umber of purge v		(5)		
	al: PSC / #316 S			•	laximum volume	•			- (gal)
	Other:					• -			
Bladder Pump Cont	troller Settings (if	used):	Recharge tim	e:	10 (	sec)	Pressure:	<b>_2</b> 0_(	osi)
			Discharge tim				Cycles per minute:		•
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (MM)	pН	<b>ME</b> LCM)	(NTU)	Temp (°C)	(mg/L)	(mV)
ବ <b>ୟ</b>	11.75	3.5	200	5.86	2.12	342	11.47	1.33	-72
8:25	11.75	驾.0	200	6.33	2.07	19.7	12.12	1.11	-104
			_						
8:30	11.75	<u>5.0</u>	200	<u>6.43</u>	2.05	103	12.29	0.98	-111
<u>8:35</u>	11.75	6.0	200	<u>6.49</u>	2.05	<u> 40.4</u>	12.34	<u>0.90</u>	<u>-115</u>
<u> </u>	<u>11.75</u>	<u> 7. Þ</u>	200	<u>652</u>	2.04	21.3	<u>12.33</u>	<u>০.৪5</u>	-117
<u> ୫: ५५                                  </u>	11.75	<u>8.0</u>	200	<u>6.54</u>	2.03	22.0	12.32	0.79	-117
8:50	11.75	9. D	200	6.57	2.02	20.0	12 40	0.73	-119
8:55	11.75	10.0	200	<u>6.59</u>	2.00	19.1	12.39	וד.ס	- 119
<u> </u>	11,5	10.0		<u> </u>			12.57		- ( )
							<del></del>		
									·
Sample Par	ameter	Sample V			tle Type		of Bottles	Preservat	
- YOC		120	ML_	<u> </u>	ML		<u> </u>		<u> </u>
						-			
							·		
Comments/Observa	utions/Weather Co	nditions:							
	٠	e5 , _	• •			*			
	+02' 0q:				T				
<u> </u>	107	E- 0.0 AV	100 0 1 1	7*1.7					
Wakt RV		<u>51 896%</u> 546%	MPIG	2417	1927	• , , ,		•	
3-3-101 121	101. U.31	> 7 V	COMPLES	<u>سک</u>	141				
Low Flow Sampli		ell purge flow rate							
		minutes. If excessi							ve
readings of $\pm 0.1$	pH, ±3% condu	ctivity, ±10% temps	erature, turbidity	, and DO. D	isconnect in-lir	ie water quality	meter prior to s	ampling.	

Site: Location:	Genuine Indianap					Well Sample I.D.		4BR	
Job #:	21256					Sample Tin			
						Sample Da	te: 2-17-1	17	
Personnel Present									
Well/Purging Information Purging methor				1) \	Well depth (from	ton of measurin	ne point) (1	1)	(ft)
Sampling metho		Low-Flow	_		Depth to water pri	•	(2	2)	(ft)
Tubing mater	ial:		_ _	3) I	ength of water c	olumn in well: #	#1 - #2 = (3	3)	(ft)
Screen Leng		_ft.			Volume of water:			1)	_(gal)
Top of well scree		ft. below measuring p					and 0.0408 for 1" l		
Pump intake set Casing radi		ft. below measuring p in.	ioint		Keguirea for wo Number of purge		ging approach onl	y) 5)	
	ial: PVC / #316 Other:	_			Maximum volume	-		5)	(gal)
Bladder Pump Con	ntroller Settings (i	f_used);	Recharge tin Discharge tin			(sec) (sec)	Pressure Cycles per minute		(psi)
Stabilization:			۶			. ,	• •		
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	OI
Time	Water (ft)	Pumped ()	Rate ()	pH	ر	(NTU)	Temp (°C)	(mg/L)	(m
15:59	ુાવવ		200	301	1.60	14,0	13.56	0,0	9
16:04	11,40		200	6.93	1.60	12.4	13.40	<b>1</b> 0.0	a
THE COLD			200	6.94	458	9.8	12 20	<del>٥.٥</del>	8
17:04	<u>#.40</u>	<del></del>		0.47			. 13,58	0.0	
16:14	4.43		<u>_ නු</u>	674	1.55	6.2	<u>\3.30</u>	0.0	_
16:19	11.41		<u> 20-0</u>	<u>6,94</u>	1.55	4.>	13.25	0,0	<u> 8</u>
16:25	11:40		200	6,93	1,54	3.8	13,19	0.0	8
16:32	# 119		200	Gau	143	1,2	12 111	0.0	8
<u>/ () / ()</u>	<u> </u>	<del></del>	200	<u> </u>	1000	1/04	. /3//4		
16:33	11.41		<u> 200</u>	6.74	1.2.2	<u>/, 3</u>	<u>/ 5/3</u>	<u>a0</u>	8/
16:36	11.41		200	6.94	1.54	1.2	13.13	<u>ం. ల</u>	8
	_ <del>-</del>								
			•						
·				<del></del>					_
			•	<u> </u>	-		-		
	<del></del>								
	<del></del>								
							-		
Sample Pa	arameter	Sample V	olume	Bo	ttle Type	Numb	er of Bottles	Preserva	ation/Pr
Ubc		Don		40.1	Asher		3	HCI	<u> </u>
70_	<del>-</del>	1004			- i pravo		<u> </u>	<u> </u>	
			<u> </u>	, 1.,	2123	ا يمر	11011	ant	1/ 3
Comments/Observ	ations/Weather C	onditions:	<u>Pinge 5</u>	<u>de~T:/</u>	<u>5:54</u>	Stabi.	14 Reached	<u>):                                    </u>	63
	•								
Low Flow Samp		Well purge flow rate							
		5 minutes. If excessi							ive
readings of $\pm$ 0.1	i pH, ±3% cond	uctivity, ±10% temp	erature, turbidit	y, and DO. I	Asconnect in-li	ne water qual	ity meter prior to	sampling.	

Site:	Genuine	Parts				Well	# 11W-14	1815-1	D
Location:	Indianap					Sample I.D.	#:		
Job #:	21256	541B				Sample Tin			
		_				Sample Da	te: 2-/7- (		
Personnel Present Dur	ring Sampling	i							
Well/Purging Informa	tion:								
Purging method:			_		-	n top of measurir			(ft)
Sampling method:		Low-Flow	_		Depth to water p				—(ft)
Tubing material: Screen Length:		ft.	-			column in well: #	#1 - #2 = (3)		—(ft)
Top of well screen;		_ 11. ft. below measuring p	oint			standing in well	(4) and 0.0408 for 1" IE	alle	(gal)
Pump intake set at:		ft. below measuring p					ging approach only		
Casing radius:		in.				volumes require			
Well material:	PVC / #316	SS / Galv. Steel		6) !	Maximum volun	ne to be purged:			(gal)
	Other:								
Bladder Pump Contro	ller Settings (i	f used):	Recharge time:		10	(sec)	Pressure:		(psi)
			Discharge time:		5	(sec)	Cycles per minute:	4	-
Stabilization:									
	Depth to	Volume	Pumping		Conductance			DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
λ									
•									
<u> </u>					-	-			
			<del></del>		-		·	-	
<del></del>			<del></del>						<del></del>
						-			
<del></del>									
						_			
					•	-			
							<del></del>		
						_			
Sample Paran	neter	Sample V	olume	Bo	ttle Type	Numb	er of Bottles	Preser	vation/Prep
UOC.		120 m		40 ~	- Ambo-		3	HC	
						_			
	<del></del>			۱ سر	\ //	,	- AA 1	11000	···
Comments/Observation	ons/Weather C	Conditions:	-See	Fiel	O She	et for	· MW-1	48K	
						-		•	
		· <del></del>							
B-1									
Low Flow Sampling	2:	Well purge flow rate	of approximately (	).5L/min c	r less. Collect	in-line water	guality measureme	nts and de	oth to
		5 minutes. If excessi							
readings of ± 0.1 pl	I, ±3% cond	uctivity, ±10% temp	erature, turbidity, a	ınd DO. I	Disconnect in-l	ine water qual	ity meter prior to s	ampling.	

Site:	Genuine						MW-15		
Location:	Indianapo						MMISO	<u>- 021511</u>	<u> </u>
Job #:	212564	11B				Sample Time Sample Date	: 10:50 2 12511	· · · · · · · · · · · · · · · · · · ·	
Personnel Present D	Ouring Sampling:						•		
Well/Purging Inform	nation:								
Purging method		ter Pump	_ <b>_</b>	-	Vell depth (from to	• . •	g point) (1)	)	(ft)
Sampling method		Low-Flow	_		epth to water pric			13.87	(ft)
Tubing materia			_	,	ength of water co		• •		_(ft)
Screen Lengtl		_ft.		,	olume of water st	_	(4)		_(gal)
Top of well screen Pump intake set a		ft. below measuring p ft. below measuring p					nd 0.0408 for 1" II ing approach only		•
Casing radiu		in. below measuring p	ЮIII		keguired for wei lumber of purge v			-	
	il; P <b>ZO</b> / #316 S	_		-	faximum volume	•			- (gal)
	Other:			<b>5,</b> 1.		to de pargee.	(0,	/	_ \6/
Bladder Pump Cont	troller Settings (if	used):	Recharge time			sec)	Pressure Cycles per minute		osi)
Stabilization:			•						
<del></del>	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped (L)	Rate MALM	pН	mslem	(NTU)	Temp (°C)	(mg/L)	(mV)
10:00	13.90'	1.0	200	98. ص	1.00	0.0	9.37	2.66	67
10:05	13.90	2.0	200	6.89	0.986	0.0	7.98	2.05	55
10:10	13.90	3.0	200	6.67	0.978	0.0	10.33	1.67	
10:15	13.90	4.0	200	6.86	0.977	0.0	10.32	1.63	<u>60</u>
10:20	13.90	5.0	7.60	6.8L	0.974	0.0	10.56	1.50	63
10:25	13.90	6.0	2.00	6.84	0.975	0.0	10.63	1.24	_ <u></u>
10:30	13.90'	7.0	200	6.85	0.978	0.0	10.03	1.11	<u> 68</u>
10:35	13.90	<del>8</del> .0	200	6.85	0.978	0.0	10.01		<u> </u>
10:40	13.90	9.0	200	6.85	0.977	0.0	10.79	1.64 1.05	71
10:45	13.90	10.0	200	6.84	0.977	0.0	10.74	1.00	72.
	1-31-10			<u> </u>	<u> </u>		10.11	(.00	
	•								
, , , , ,									
Sample Par	ameter	Sample V			tle Type		r of Bottles	Preservat	•
100		240	ML_	Y1	AL		<u>6                                    </u>	- +161	<del></del>
-		-			<u> </u>				
									<del></del>
Comments/Observa	ations/Weather Co	onditions:	Clear 2 mw-150	7°F	ice on	grow f mu	7-200	collect	ing Dup
purae 5		55							
house 2	405; 10;	.50 Hor	iba USZ-	USTA	iox v	1910-2	417		
			Her lexel-	US 151	<del> \</del>	COMPTUS	501-214	צד	
Low Flow Sampli	ino- v	Vell purge flow rate	of approximately	0 51 /min ~	rless Collection	n-line water o	uality measurem	ents and dae+1	h to
		minutes. If excessi							
		ıctivity, ±10% temp							

Site: Location: Job #:	Genuine Indianapo 21256	olis, IN	Well #:   MW - 15     Sample I.D. #:   MW   15   - 02   15   1     Sample Time:   \( \frac{2.00}{2.15} \)									
Personnel Present D	uring Sampling:											
Well/Purging Inform Purging method Sampling method Tubing material Screen Length Top of well screen; Pump intake set at Casing radius	Poly	ft. ft. below measuring p ft. below measuring p in.		1) Well depth (from top of measuring point) 2) Depth to water prior to purging 3) Length of water column in well: #1 - #2 = (3) (ft) 4) Volume of water standing in well 4) wiltingly #3 by 0.1632 for 2" ID and 0.0408 for 1" ID wells. (Required for well volume purging approach only) 5) Number of purge volumes required 6) Maximum volume to be purged: #4 x #5 = (6) (gal)								
Bladder Pump Conti	Cother:		Recharge time			io de purgea: #4 sec)	+ x #3 = (6)  Pressure:	•				
Diadder Funip Cond	oner Senngs (n	useuj.	Discharge time				Cycles per minute:		11)			
Stabilization:												
Time	Depth to Water (ft)	Volume Pumped ( L)	Pumping Rate ( <b>MLM</b> )	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)			
11:20	14.49'	2.0	200	6.86	\	9.ماط	11.00	1.60	83			
11:25	14.49	3.0	200	6.82	0.984	20.4	11.48	1.10	71			
11:30	14.49	4.0	200	6.82	0.984	13.7	11.56	0.93	69			
แ:35	14.49	50	2.00	<u>6.81</u>	0.983	7.5	11.56	18.6	68			
11:40	14.49	<u> </u>	2.00	<u>6.81</u>	<u>0.983</u>	1.0	11.59	0.72	67			
11:45	14.49	7.0	200	<u>6.81</u>	<u>0.983</u>	0.6	11.64	0.68	طط			
11:50	14.49	%.୦	<u> 200</u>	<u>6.81</u>	0.982	0.0	11.65	0.67	65			
11:55	14.491	9.0	200	<u> </u>	<u>0.982</u>	<u> 0.0</u>	11.63	0.65	66			
						<del></del>						
						·						
<del></del>												
-												
Sample Para	ameter	Sample V			ele Type	Number 2	of Bottles	Preservation HCL	•			
7. 3.	tions/Weather Co		clear 27°	ادف	on alo	und	, <u> </u>					
Harina 12	52 - 457	- E-0	MP10-24	17	w ater	Kve!	59184					
Works K	- 어크림	THE	CDWOKENO	1-2197	7		<u> </u>		-			
Low Flow Comett	no: 1	'EM	•			lina watt	unlitu mone	onte and da-il	to			
Low Flow Sampli water measuremen		Vell purge flow rate minutes. If excessi										
		activity, ±10% temp										

Site:	Genuine Parts			We	ar#:_MW-/≤	<u>5</u> 2	
Location:	Indianapolis, IN	<u> </u>		Sample I.I			
Job #:	2125641B	<del></del>		Sample To Sample D	ime: <u>/5:/8</u> Date: <b>3</b> (6)	17	
Personnel Present Du	nina Camalina			<b>-</b>			
	<del></del>						
Well/Purging Inform Purging method:			1) Well deptl	(from top of measur	ring point) (	(1)	(ft)
Sampling method		<del></del>	-	vater prior to purging		(2)	_(ft)
Tubing material				water column in well	: #1 - #2 = (	(3)	(ft)
Screen Length:				f water standing in we		(4)	_(gal)
Top of well screen;				3 by 0.1632 for 2" []			
Pump intake set at: Casing radius:		ring point		l for well volume pu f purge volumes requ			
	: PVC / #316 SS / Galv. Steel Other:			volume to be purged	l: #4 x #5 =	(5) (6)	(gal)
Bladder Pump Contro	oller Settings (if used):	Recharge tim		(sec)	Pressu		(psi)
		Discharge tim	e: 5	(sec)	Cycles per minu	te; 4	
Stabilization:							
Time nF	Depth to Volume Water (ft) Pumped (	Pumping) Rate ()	Condu	ctance Turbidity) (NTU)	/ Temp (°C)	DO (mg/L)	O) (m
JHIJA	14.85	240	2.39 1.5	67 141	K 20	0,65	1
t	1400	- 140	738 4	2 2 CC	/ / <del>5</del> 21		7
15:03	14.06	<del></del>	730 0,5	<u>83</u> 88,			<u>/•</u>
15108	<u>[4,06</u>	<u> </u>	1.31 0.8	43 44.0	15,29	. <b>Q</b> Q	12
15111	14.06	240	7,38 05	41.43.8	15,35	0.0	12
15:14	14.07	2.00	2.38 0.5	29 U31	15.44	0,0	121
1911	<u> </u>		7,30 910.	<u> </u>		. 010	700
				<del></del>	<del></del>		-
					<u></u>	<u></u>	
				<del></del>		•	
						<del></del>	
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						<u>.                                      </u>	
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	<del></del>		<del></del>				
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		<u> </u>					
					<u> </u>		
					_		_
Sample Para	meter San	ple Volume	Bottle Type	Num	ber of Bottles	Preserv	ation/Pr
VoC_	∫∂€	2 mC	40 ml A	esber	<b>'</b>	WC	1
						_ <del></del>	
	· · · · · · · · · · · · · · · · · · ·			<del></del>			
						_	
Comments/Observati	ions/Weather Conditions:						
	<del></del>						
Low Flow Samplin	ig: Well purge flow	rate of approximately	0.5L/min or less.	Collect in-line water	r quality measure	ments and den	th to
water measuremen	its every 3 to 5 minutes. If ex	cessive drawdown (>	0.5 ft.), reduce purge	rate (0.2 L/min).	Stabilization with	three success	
	H, ±3% conductivity, ±10%						

Site:	Genuine	Parts				Well	#: MW-	-153	
Location:	Indianapo					Sample I.D.			
Job #:	21256	41B				Sample Tim		<del></del>	
						Sample Dat	e: <u></u>	11	
Personnel Present	During Sampling:								
Well/Purging Infor	rmation:								
Purging metho			_	1) \	Well depth (from	top of measurin		(1)	(ft)
Sampling metho		Low-Flow	_		Depth to water pr		(	(2)	
Tubing mater		ft.	_		ength of water of			(3)	—(ft)
Screen Leng Top of well scree		_ 11. _ ft. below measuring p	saint		Volume of water		) "1 and 0.0408 for	(4)	(gal)
Pump intake set		ft. below measuring p					ing approach on		
Casing radi		in.			Number of purge			(5)	
Well mater	ial: PVC / #316	SS / Galv. Steel		6) 1	Maximum volum	e to be purged: #	$44 \times 45 = 0$	(6)	(gal)
	Other:			•					
Bladder Pump Cor	ntroller Settings (ii	f used):	Recharge tim		10	(sec)	Pressu	re:	_(psi)
			Discharge tin	ne:	_5	(sec)	Cycles per minu		-
Stabilization:								••	
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	$\longrightarrow$	(NTU)	Temp (°C)	(mg/L)	(mV)
/I <sup>:</sup> 46 <sup>1</sup>	14/3.23		200	7,62	1.81	7.0	11,96	1.16	139
11:51	1273,25		200	7,05	1,85	1,6	12.10	0,00	134
11:56	12 24		200	205	1,86	Λ. W	12 19	0.0	131
11169	17 22			7.05		- <del>011</del>	/ <del>/<!--/</del--></del>		· <del></del>
11,01	- 1 <u>0(10()</u>		200	402	1.86	0.0	18.51	0.0	<u>/30</u>
12:02	<u> </u>		300	<u> 403</u>	1,06	<u>0,0</u>	12,25	0.0	128
12105	<u> 12.23                                   </u>		<i>100</i>	7,06	1,86	0.0	12.23	0.0	125
								• ———	
						-			
								· <del>· · · · · · · · · · · · · · · · · · </del>	- ——
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		•							
		-	•			-		-	- —
Sample Pa	arameter	Sample V	/olume	Bo	ttle Type		er of Bottles		vation/Prep
<i>\od_</i>	<del>-</del>	160 m	. 4	40 ml	Amber	<u> </u>	3	_ HC	1
		•	-		•				
								•	
				·		_			
Comments/Observ	vations/Weather C	onditions:							
_									
			_	<u></u>					
				•					
I 27 2	.11	W-11 G		0.57.4.5	6 "				
Low Flow Samp		Well purge flow rate minutes. If excessi	or approximately	y U.SL/min c	r less. Collect	n-line water o	uality measurer	ments and de	ptn to
readings of ± 0.1	1 pH, ±3% condi	uctivity, ±10% temp	erature, turbidity	y, and DO. I	Disconnect in-l	ine water quali	ty meter prior to	sampling.	

. Site:	Genuine	Parts				Well	# MW.	156	
Location:	Indianapo					Sample I.D.		,	
Job #:	21256					Sample Tin		,	
						Sample Da			
						•		•	
Personnel Present D	During Sampling:								
Well/Purging Inform	mation:								
Purging method				1) V	Vell depth (from t	on of measurin	ne noint) (	I)	(ft)
Sampling method		Low-Flow	-		epth to water pri	-		2)	—(ft)
Tubing materia			_		ength of water co			3)	—(fi)
Screen Lengt	h։	ft.	-	4) \	olume of water s	tanding in well		4)	(gal)
Top of well screen	.; <u> </u>	ft. below measuring p	oint	1	nultiply #3 by 0.1	632 for 2" ID	and 0.0408 for 1"		_
Pump intake set a	ıt:	ft. below measuring p	oint	(	Required for we	ll volume pur;	ging approach onl	ly)	
Casing radiu		_ <sup>in.</sup>			lumber of purge v			5)	_
Well materia	il: PVC / #316 :	SS / Galv. Steel		6) N	1aximum volume	to be purged:	$#4 \times #5 = (6)$	6)	(gal)
	Other:								
DI 11. D		c	<b>5</b> -1		10	( <b>&gt;</b>			
Bladder Pump Cont	ironer Settings (ii	ruseu):	Recharge tim			(sec)	Pressur		(psi)
			Discharge tim	e	3	(sec)	Cycles per minut	e: <u>4</u>	-
Stabilization:									
<u>Batomization.</u>									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
15:54	12,86		240	7,51	0.668	0.0	12.86	22L	125
10100	12 05		2/2	2//2	4.66		1/ 40	10.07	· <u>/</u>
16:03	14.81		240	1,47	<u>0,680</u>	0.0	11.70	4.15	/30
16508	12.87		240	7,45	0.205	0,0	11.61	3,62	/3/
16:13	17 87		240	7.45	0.)39	0.0	1/50	294	131
16116	13 66		<u> </u>	- 1111	420		. <u>1170 V</u>	2 ^^	· <del>'''</del>
16:18	12.80		240	7,44	0.751	0.0	<u> 11.43</u>	<u> </u>	. <u>/ऽू-</u> र
<u> 16:21                                     </u>	12.86		240	7,43	0,757	<u>0</u> ,0	11,40	2,38	131
16:24	12.86		240	7,43	0.701	<u> አ</u> ለ	11 36	234	731
7074	INTO			<u> </u>	<u> </u>	_0.0	11,00	4,51	· <u> </u>
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							. <u> </u>		
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							· ——		
	<del></del>		-				·		
							· ———		
									•
Sample Par	ameter	Sample V	olume	Bo	ttle Type	Numb	er of Bottles	Preserv	vation/Prep
<b>WC</b>		DOM	i	110.	LAmbe	_	<b>`</b> S	11.0	1
		100711	_	401	L/ MUDE			_/ <del>//</del> _	<u>• 1</u>
		<del></del>					·		
Comments/Observa	tions/Weather C	onditions:							
	_								
		- <del>,</del>					<del></del>		
									-
					<del></del> -				
Low Flow Sampli	ing: V	Well purge flow rate	of approximately	/ 0.5L/min o	r less. Collect i	n-line water	quality measuren	nents and der	oth to
		minutes. If excessi							
		uctivity, ±10% temps							

Site:	Genuine					Well #			
Location:	Indianapo					Sample I.D. #:		0 - 0Z	1011
Job #:	212564	IB .				Sample Time:		,	
						Sample Date:	<u> 21/6/1</u>		
Personnel Present Du	uring Sampling:						, .		
Well/Purging Inform						• •			
Purging method:		PUMP	_		ell depth (from t	-	point) (1)		_(ft)
Sampling method:		.ow-Flow	_		epth to water price		(2)		_(ft)
Tubing material:			_	-	ngth of water co				_ <sup>(ft)</sup>
Screen Length:	:	ft.			olume of water st	-	(4)		_(gal)
Top of well screen;		ft. below measuring p					id 0.0408 for 1" ID		
Pump intake set at:		ft. below measuring p	oint		equired for wel umber of purge v		ng approach only)		
Casing radius: Well material:		in. SS / Galv. Steel			anioei of pulge v aximum volume	•	, ,		– (gal)
Wen material	Other:			0) IVI	aximum voidine	to be purged, #4	· λ <del>π</del> 3 – (0)		-\ <sup>(gai)</sup>
Bladder Pump Contre	oller Settings (if	used):	Recharge tim			sec)	Pressure:	<del></del> `	psi)
			Discharge tim	e:	5 (	sec)	Cycles per minute:	4	
Stabilization:									
Stabilization:							•		
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped (L)	Rate (MLM)	pН	Molem	(NTU)	Temp (°C)	(mg/L)	(mV)
11:15	2 44	·			2.18			-	
	3.00	7.0	200	7.08		167	<u>/3.83</u>	1.24	-155
11:20	3.80	<u>      3. o                              </u>	200	7.01	2.20	<u>5_</u>	13.78	<u>0.86</u>	-124
11:25	3.80'	4.0	200	6.97	2.21	73.5	13.75	0.68	-125
11:30	3.80	5.0	200	6.15	222	50.4	12 35	0.55	-127
11- 100							13.13	- 41-	
11.55	3,80	<u> </u>	200	6.94	2.22	<u> 31.8</u>	15.18	0.40	-127
11:40	3.80	7.0	200	<u>6.93</u>	2.22	25.1	<u> 13.80</u> °	0.34	-128
11:45	3.50'	€.0	200	6.93	2.21	25.6	13.79	0.34	-128
11. K N				6.92	2.21				
11.00	3.80	9.0	<u> 200</u>	<u> </u>		24.7	13.80	<u>0.34</u>	<u>- (28</u>
	-								
			*						
				•					
		· · · · · · · · · · · · · · · · · · ·							
	-		•						
		<del></del>							
Sample Para		Sample V		Bott	le Туре	Number	of Bottles	Preserva	ttion/Prep
VO	) C	12	_oval_	V	IAL		3	HC	سار
				. <u></u>					
				· -		•	<del></del>		
							<del></del>		
a			C	44		طماء ١١ م	محمدوها		
Comments/Observation			SUNNY.	MILE	40 5	2119m	breeze		
		105				<del>-</del>			
pural su	pp . //.	) <del></del>		·					
Horiba	u57.1	U57898X		MPIO-	2417	7			
Water h		59184		PRESS		927			
		, , , ,				,			
Low Flow Samplin		Vell purge flow rate							
		minutes. If excessi							ve
readings of $\pm 0.1$ p	H, ±3% condu	ctivity, ±10% temps	erature, turbidity	, and DO. Di	sconnect in-lin	e water quality	y meter prior to s	ampling.	

Site:	Genuine	Parts				Well	#: 161		
Location:	Indianapo	olis, IN				Sample I.D.	#:		
Job #:	21256	41B				Sample Tim	ne: 1015		
						Sample Dat	te: <u>2~/6~//</u>		
Personnel Present Dr	iring Sampling:								
Well/Purging Inform	ation:			•					
Purging method:				1) \	Well depth (fron	n top of measurin	ig point) (	1)	(ft)
Sampling method		Low-Flow	-		Depth to water p			2)	(ft)
Tubing material	:		_	3) 1	ength of water	column in well: #	#1 - #2 =     (2	3)	(ft)
Screen Length	<del></del>	_ft.				r standing in well		4)	(gal)
Top of well screen;		ft. below measuring p					and 0.0408 for 1"		
Pump intake set at		_ft. below measuring p	oint	(	Required for v	veli volume purş	ging approach on		
Casing radius		_in.				e volumes require		5)	
wen material	: PVC / #316 : Other:	SS / Galv. Steel		0) 1	viaximum voiun	ne to be purged: a	) = C#X+∓	5)	_(gal)
Bladder Pump Contr	_	Fugad):	Recharge time	•	10	(sec)	Pressur		(aci)
Diagues 1 unip Conti	oner Settings (ii	uscu).	Discharge time		5	(sec)	Cycles per minut		(psi)
			_			<b>-</b> · ·			
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	р <b>Н</b>	ري()	P (NTU)	Temp (°C)	(mg/L)	(mV)
/0130	5,38		200	6.06	70.	סים סיבל	11,97	6,14	187
<b>7033</b>	5.20		1,90	6.97	0,779	$\Delta D$	8.94	440	151
10120	528		200	200	<u>01//1</u>	- <del>0.0</del>	8.48	11 117	1211
10 100	7180		<u> 300</u>	<i>M/</i> <del>L</del>	0,771	<u> </u>	· <del></del>	4.4.2	17/
10143	5,38		260	7,14	0,710	0,0	8,43	<u>4,45</u>	140
10:48	5,39		200	7,17	0,770	0.0	8,29	4.55	138
	<del></del>								
							· <del></del>		<del>.</del>
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	<del></del>				-	_			
							-		
								· <u></u>	
Sample Para	i	01-31	-1	n.	ul- To-	<b>3</b> !	cD.ul	D	
Sample Para	meier	Sample V		110	ttle Type	Numb	er of Bottles	Preserv	ation/Prep
		120r	<u>. C</u>	<u> 40 ×</u>	Amber		<u> </u>	<u></u>	1
									<u> </u>
Comments/Observati	inns/Weather C	anditions:							
Conductities Observati	ionar reather C								
			<u> </u>						
		•					W 48	<u> </u>	
		<u> </u>							
				05111	,		•••		
Low Flow Samplin		Well purge flow rate of minutes. If excession							
		uctivity, ±10% temper							

Site:	Genuine	: Parts				Well:	#: MW-	163	
ocation:	Indianap					Sample I.D.		1	
Job #:	21256					Sample Tim			
•						Sample Dat		7	
rsonnel Present	During Sampling:								
ell/Purging Infor Purging metho				1).	Well depth (from	ton of measurin	g noint) (1		(ft)
Sampling metho		Low-Flow	<del>_</del>		Depth to water pri		g point) (1 (2	) 	-(ft)
Tubing materi		2011-11011	_		Length of water co		1-#2= (3	j)	(ft)
Screen Leng		ft.	_		Volume of water s			.)	(gal)
op of well screen		ft. below measuring j	point	-7		_	and 0.0408 for 1" I		_ (6)
Pump intake set		ft. below measuring i		ı			ing approach only		
Casing radii		in.	•		Number of purge			5)	
	ial: PVC / #316	SS / Galv. Steel			Maximum volume			<u> </u>	(gal)
	Other:					. •	•	-	_ `` ′
adder Pump Con	ntroller Settings (i	f used):	Recharge tin Discharge tin			(sec) (sec)	Pressure Cycles per minute	`	psi)
abilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORI
Time	Water (ft)	Pumped ()	Rate ()	рН	()	(NTU)	Temp (°C)	(mg/L)	(mV
7:08	D7511		240	7,04	0.887	0.0	11.83	0.0	12
2:10	10/2/10		742	700		1	11.53		-10
7.13 (	<u>G1/7-/6</u>		200	6.16	5.900	<u></u>	<u> </u>	0.0	_//.0
7/18	<u> 12,21</u>		<u> </u>	6,95	0,905	0.0	11.42	0.0	10%
								<u> </u>	7
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	<del></del>								
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		· .							
			-	-					
							1		
Sample Pa	rameter	Sample \	/olume ₫	Bo	ottle Type		r of Bottles	Preservat	tion/Prep
VOC.	<del></del>	/20m	<u> </u>	401	n <u>l Am</u> or	<u> </u>	<u> </u>	_ He	
					-				•
			<u> </u>					_	
						-			
	ations/Weather C								
illinents/Observ	ations weather C	onunions:							
		- 11111				<del></del> .	· ,		
w Flow Sampl		Well purge flow rate	of approximately	y 0.5L/min c	or less. Collect i	n-line water q	uality measurem	ents and dept!	h to
er measureme	ents every 3 to 5	minutes. If excess	ive drawdown (>	0.5 ft.), redu	ice purge rate (0	0.2 L/min). St	abilization with t	hree successi	ve
$ngs of \pm 0.1$	pH, ±3% condi	uctivity, ±10% temp	erature, turbidity	r, and DO. I	Jisconnect in-lir	ne water qualit	ty meter prior to :	sampling.	

Site:	Genuine								
Location:	Indianapo					•	MMIGH	· 62151	<u> </u>
Job #:	212564	IB				Sample Time:	<u> 13:10</u> 21/5//	,	
						Sample Date.	-11017		
Personnel Present D	Ouring Sampling:								
Well/Purging Inform									
Purging method		er pump	_			top of measuring	•	•	(ft)
Sampling method		ow-Flow	-		epth to water p			20.27	-
Tubing materia Screen Lengtl		ft.	-		-	column in well: #1 standing in well			_(ft)
Top of well screen	<u>-</u>	ft. below measuring po	nint			-	(4) d 0.0408 for 1" ID	wells	(gal)
Pump intake set a		ft. below measuring po					ng approach only)		
Casing radiu	s: 2-	in.		5) N	umber of purge	volumes required	(5)		_
Well materia	al: P <b>D</b> C / #316 S	SS / Galv. Steel		6) M	laximum volum	e to be purged: #4	x #5 = (6)		(gal)
	Other:	<u>.                                    </u>	<u> </u>						
Bladder Pump Cont	troller Settings (if	used):	Recharge time	<u>:</u>	10	(sec)	Pressure:	<b>12</b> (	nsi)
			Discharge time		5	• ' '	Cycles per minute:		,
						- '			
Stabilization:									
	Depth to	Volume	Pumping		Conductors	Turkidin		DO.	OPP
Time	Water (ft)	Pumped ()	Rate (	рН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
12:30	20.27	1.0	200	6.95	1.11	99.6	น.46	1.68	103
12:35		2.0	200			· ——			
	20.27		200	<u>6.87</u>	11.1	<u> 58.5</u>	12.29	1.00	98
12:40	20.27	3.0		<u>6.85</u>	1.[1	14.6	12.59	<u>0.78</u>	92
12:45	20.27	4.6	200	<u>6.85</u>	1.12	<u>&amp;.4</u>	12.66	0.06	91
12:50	20,27	_5.0_	200	6.84	1.11	0.0	12.69	0.62	<u>89</u>
12:55	20.27	<u>6.0</u>	<u> 200 </u>	6.84	_1,11	0.0	12.75	0.38	<u>89</u>
13:00	20.27	7.0	205	6.84	_1.11	0.0	12.80	0.36	<u>88                                   </u>
13:05	20.27	<u> </u>	200	6.84	1.10	0.0	12-80	0.36	87
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·						- <del></del>			
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<del></del>									
						<del></del>			
			_					_	
Sample Para	ameter	Sample Vo			tle Type	_	of Bottles	Preservat	•
ADC		120 ml			4 <u>L</u>	3		<u> </u>	<u>L</u>
G 101		11.5	- Land 1	. 24					
Comments/Observa	tart:12	i.25	clear, L	-0M 20	<u>ے ، ادد</u>	on are	una.		
	,, ; <u> </u>								
			3,1.						
	62 U579 KL: 5919		<u> </u>	-	·				
MATER KY	<u> </u>	D- COLUMN C.	23 <u>m</u> 1 417/	<u>, '</u>			<del></del>		
Low Flow Sampli		Vell purge flow rate o	of approximately	0.5L/min or	less. Collect	in-line water qu	ality measureme	nts and depth	ı to
water measureme	nts every 3 to 5	minutes. If excessive	e drawdown (>0	).5 ft.), reduc	e purge rate (	0.2 L/min). Sta	bilization with th	ree successiv	ve
readings of ± 0.1	µn, בא condu	ctivity, ±10% tempe	rature, turbidity,	கார் DU. D	isconnect in-l	me water quality	meter prior to s	աորորg.	

Site:	Genuine	Parts				Well#	MW-166	5	
Location:	Indianapo					Sample I.D. #		5-0219	511
Job#:	21256					Sample Time	17:25		
						Sample Date	211511	.1	
Personnel Present Du	uring Sampling:								
Well/Purging Inform		la . O							
Purging method: Sampling method:		Kr PUMP Low-Flow	-		ell depth (from t epth to water price		point) (1) (2)		(fi) (fi)
Tubing material			-		ength of water co		, ,		_(ii) _(ft)
Screen Length:		ft.	-		olume of water s		(4)		(gal)
Top of well screen;		ft. below measuring po					nd 0.0408 for 1" II		_
Pump intake set at Casing radius		_ft. below measuring po in,	oint		lequired for wel umber of purge v		ng approach only (5)		
		SS / Galv. Steel			aximum volume	-			(gal)
	Other:	•••		·			``		
Bladder Pump Contro	oller Settings (if	fused):	Recharge time			(sec)	Pressure		psi)
			Discharge time	e:	5 (	(sec)	Cycles per minute:	4	
Stabilization:									
<b>~</b>	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (MLM)	pH	(NC)/CH	(NTU)	Temp (°C)	(mg/L)	(mV)
16.50	15.19'	2.0	<u> 200</u>	7.19	1.14	<u> 21.8</u>	11.37	1.20	<u>~33</u>
16:55	15.19	<u> </u>	200	7.06	1.06	0.0	12.13	<u>0.64</u>	-44
17:00	15,191	<u> 4.0</u>	<u> 200</u>	7.05	1.05	0.0	12.24	0.50	<u>-48</u>
17:65	15.19	5.0	200	7.03	1.05	0.0	12.35	0.47	<u>~50</u>
17:10	15.19	6.0	200	7.02	1.05	0.0	12.38	<u>6.45</u>	<u>-50</u>
17:15	15.19	7.0	200	7:01	1.05	0.0	12.43	0.45	-51
17:20	15-19	8.0	200	7.01	1.05	6.0	12.50	0.44	-51
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<del></del>		<del></del>					<del></del>		<u> </u>
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	<del></del>								
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							<del></del>		
Sample Para		Sample Vo	olume	Bott	le Type	Number	of Bottles	Preservat	tion/Prep
YDL		12	OML		IAL		3	HC	L
								•	
Comments/Observation			<u>clear, i</u>	M10 3	0'5, b	reczy			
PUIDE SHO		-3							
THE STO	4								
Horiba L				417					
- Moter 1	evel: 5	<u> १९१</u>	<u>Compress</u>	OR: 21	977				
Low Flow Samplin	19: V	Vell purge flow rate o	of approximately	0.5L/min or	less. Collection	n-line water ou	ality measureme	ents and denti	h to
water measuremen	ts every 3 to 5	minutes. If excessive	e drawdown (>0	0.5 ft.), reduc	e purge rate (0	.2 L/min). Sta	bilization with the	hree successi	ve
		activity, ±10% tempe							

Site:	Genuine					Well #		~5D	
Location:						Sample I.D. #:		60 D	
Job #:	21256	41B	·			•		<u> </u>	
						Sample Date:	2/16/	11	
Personnel Present 1	During Sampling	:						•	*
Well/Purging Infor	mation:	the man							
Purging method		$\longrightarrow$		1) W	ell depth (from t	top of measuring			_(ft)
Sampling metho				2) D	epth to water pri	or to purging	(2	<u> 14.09</u>	_(ft)
Tubing materi	al: <b>?•)</b>	4		3) L	ength of water co	olumn in well: #1	- #2 = (3	) <u> </u>	_(ft)
Screen Lengt	th:	_		4) V	olume of water s	standing in well	(4		_(gal)
Top of well screen	n;	_ ft. below measuring poi	int	n	nultiply #3 by 0.1	1632 for 2" ID an	d 0.0408 for 1" I	D wells.	
Pump intake set:	at:	ft. below measuring poi	int	(1	Required for we	ll volume purgii	ig approach only	7)	
Casing radit	us: <b>2</b>	_ in.		5) N	umber of purge	volumes required	(5		_
Well materi	al: PYQ / #316 Other:	SS / Galv. Steel		6) M	laximum volume	to be purged: #4	x #5 = (6	)	_(gal)
Bladder Pump Con	troller Settings (i	f used):							(psi)
Stabilization:						(4-2)	ey tito par manate	· <u> </u>	
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()		pН	WACM	(NTU)	Temp (°C)	(mg/L)	(mV)
15:00	14.11	1.0.	200	7.21	1.37	245	8.75	Z.11	-138
15:05	14 11	2.0	7.00	3.10	1.42	120	9 68	1 44	
	_ <del></del> _								
15:10		·					<del></del>	7.00	
15:15	14.11	<u> </u>	206	<u> 7.14</u>	<u> </u>	<u>46.5</u>	<u>_ වරෙ</u>	0.60	-144
15:20	14.11	5.0	200	7.13	1.51	46.3	A 49	0.60	-14L
15:25	11. (1)			712			8.53		-1147
10:45				412					777
15:30	14.11	<u> </u>	<u> 200 </u>	7.12	1.52	<u> 46.6</u>	<u>8.55</u>	0.59	<u>-148</u>
*						•	Ş	<b>&amp;</b>	
	- <del></del>					<del></del> -			
	<del> </del>							.——	
	·								
	<u> </u>								
	• ——								
	·								
Sample Pa			_			Number	of Bottles		
Ve	<u> </u>	12.0	omL_	<u> </u>	1416		<u> </u>		<u> </u>
		Sample Time:   St 3   Sample Date:   2   10   11							
				·					
		·			<del></del>				
Comments/Observa	ations/Weather C	onditions:	MANUE	MINS	n`				
			<del>- 411-7 )</del>	<u> </u>	<del></del>				
DIR OF	- 1	4 44 44					·		
1 7	V 1 3 -								
+1011	24 USZ:	457890X	MADI	b: 25					
Water			COMP	elson.	2192	7			
7									
Low Flow Sampl									
									ive
readings of $\pm 0.1$	pH, ±3% cond	uctivity, ±10% temper	ature, turbidity	, and DO. D	isconnect in-lii	ne water quality	meter prior to:	sampling.	

Site:	Genuine	Parts				Well	#: 460 MW-	-1655	ļ.
Location:	Indianap					Sample I.D.			
Job#:	21256					Sample Tim		<u>, , , , , , , , , , , , , , , , , , , </u>	<del>** i</del>
						Sample Da		Į I	
Personnel Present I	During Sampling:								
Well/Purging Infor	mation:								
Purging metho	d: bladd	er dung		1) W	ell depth (from to	on of measurin	ng point) (1)	`	(ft)
Sampling metho		Low-Flow			epth to water pric	•		14.24	
Tubing materi		2011 21011	<del>-</del>		ength of water co			$\overline{}$	-(ft)
Screen Leng		ft.	-	•	olume of water st		` '	-	(gal)
Top of well screen		_ ft. below measuring p	oint	-		-	and 0.0408 for 1" II		_ (8)
Pump intake set		ft. below measuring p					ging approach only		
Casing radio		in.			umber of purge v			· ·	
_	al: PVC / #316	SS / Galv. Steel			laximum volume	•			— (gal)
	Other:			,					′
	_							_	
Bladder Pump Con	troller Settings (i	f_used):	Recharge tim			sec)	Pressure	<b>/8_</b> _(	(psi)
			Discharge tim	e:	5 (	sec)	Cycles per minute	:4	
Stabilization:									
	DI	37-1	ъ.		<b>a</b>	m 114			
Т:	Depth to	Volume	Pumping	-7.	Conductance	Turbidity	T. (0.47)	DO	ORP
Time	Water (ft)	Pumped ()	Rate (M)2-11/)	pН	(IIILICIPI	(NTU)	Temp (°C)	(mg/L)	(mV)
15:35	<u> 4.24'</u>	1.0	200	<u>6.95</u>	<u> 3.11</u>	0.3	5.31	1.88	<u>- 99</u>
<u> 15:40</u>	14.24'	2.0	200	7.01	3.31	0.0	4.77	1.11	-105
15:45	14.24	3.0	200	7.03	3.35	0.0	4.55	1.01	-107
15:50	14.24	4.0					4.34		
10.20			200	7.04	<u>3.36</u>	0.0	• ———	<u>0.78</u>	-112
6:55	14.24	<u> 5.0</u>	<u> 200</u>	<u> 7.04</u>	<u> 3.36</u>	0.0	4.30	0.44	<u>- 114</u>
13.00	14.24	6.0	200	7.04	3.36	0.6	4.22	0.43	-114
16:05	14.24	7.0	200	7.04	3.36	0.0	4.18	0.40	-114
16:10	14.24	<u> </u>	200	7.03	<u> 3.36</u>	6.0	<u>4.16</u>	<u>6.40</u>	-114
16:15	14.24	9.0	200	7.03	3.36	0.0	4.15	0.39	-114
							·		
						-	<del></del>		
							·		
	<u> </u>								
							• ——		
	· ——				<del></del>		·		
							-		
	· <del></del>								
Sample Par	rameter	Sample V	olume	Bot	tle Type	Numb	er of Boules	Preserve	stion/Prep
VDC		•			••	2			•
<u> </u>			0 mL		AL		>	<u> </u>	, L.,
	•	·		-	•				
Comments/Observa	ations/Weather C	onditions:	clear,	MID 3	8°5 i i	Le me	ltina		
Peral sta	H: 15:3		* ***				<del>'``</del>		
Pick de St	2: الما	υ					•		
J									
Horiba		57890X	Walo:		~				
_ Water_	kvel: 5	9194	COMPRE	5502:	<u> 21127</u>				
I FT		V-11 ^	· · ·	0.67.1		1*	11.		
Low Flow Sample		Vell purge flow rate minutes. If excessi							
		activity, ±10% temper							110
	L to count	, _ row tomp		, D		~ "wivi quali	, motor prior to a		

Site:	Genuine Indianapo					Well #: Sample I.D. #:		66D	<del>/ D</del>
Job #:	21256					Sample Time:	1645		<del>/</del>
						Sample Date:		<u> </u>	
Personnel Present Du	ring Sampling:						•		
Well/Purging Informa	ntion:								
Purging method:	<u>blac</u>	lder pump	_	1) V	Vell depth (from to	op of measuring p	point) (1)		_(ft)
Sampling method:	-	Low-Flow	_	2) E	epth to water price	or to purging	(2)	14.9	<b>(</b> ft)
Tubing material:			_	-	ength of water co				(ft)
Screen Length:		_ft.		-	olume of water st	_	(4)		_(gal)
Top of well screen;		ft. below measuring p			nultiply #3 by 0.1				
Pump intake set at:		ft. below measuring p	oint	,	Required for wel			•	
Casing radius:		_in. SS / Galv. Steel		-	lumber of purge v Iaximum volume	-	(5) v: #5 – (6)		— (nel)
Well material.	Other:	337 Galv. Steel		0) 10	taximum volume	to be purged. #4	x #5 = (6)		_(gal)
Bladder Pump Contro	oller Settings (if	fused):	Recharge time			sec)	Pressure: Cycles per minute:		(psi)
Stabilization:									
Time	Depth to Water (ft)	Volume Pumped (	Pumping Rate ( <b>mLLY)</b>	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
16:05	14.98	1.0	200	7.14	1.14	309	13.65	1.80	-153
	14.90				1.19				
16:10		2.0	200	7.15		<u> 186</u>	13.58	0.90	<u>- 160</u>
16:15	14.98	3.0	200	<u> 1.15</u>	1.20	<u>୬୧.७</u>	<u>13.56</u>	0.71	-163
16:20	14.98	4.6	200	7.16	1.20	<u>47.5</u>	13.51	_0.49	- 164
16:25	14.98	_ 5.0	2.00	7.16	1.20	25.3	13.53	0.33	~16S
16:30	14.98	6.0	200	7.16	1.21	26.1	13.52	0.32	-166
16:35	W 96	7.0	2.00	7.16	1.21	<b>—</b>	13.5	0.32	~167
	1-1-10		_ <del>-</del>			<u>79.7.</u>			
16:40	14.98	6.6	200	7.16	1.21	19.3	13.49	0.31	-167
16:45	<u> </u>	<u> </u>	260	7.16	<u>1.21</u>	20.1	<u> 13,48</u>	0.31	-167
<u>.</u>									
									•
		· · · · · · · · · · · · · · · · · · ·				<del></del>			
							<del></del>		
Sample Parar	meter	Sample V	olume	Bo	ttle Type	Number	of Bottles	Presery:	ation/Prep
VOL		240	_		ML	6		HC	•
					716	~	<u></u>	- 110	<u>ــــــ</u>
							· · · · · · · · · · · · · · · · · · ·		
			<u> </u>						
									_
Comments/Observation		pnditions:					(6	lection	19 Dup
	tart: 1	0.00		<del></del>			<del></del>		
touch 2	1-4-								
Horiba	U52:	457898X	÷	MPID:	2417				
Water	level:	59184	C	OMPRES	40R.21	927			
Low Flow Samplin		Vell purge flow rate of							
		minutes. If excession uctivity, ±10% temper							ive
readings of ± 0.1 p	ıı, ±2% cundl	activity, ±10% tempe	rature, turbidity.	, aiu DO. L	asconnect in-lin	e water quality	meter prior to s	ampung,	

Site:	Genuine	Parts				Well #	mw-16	75	
Location:	Indianapo					Sample I,D. #:			1141
Job #:	21256	41B				Sample Time:	<u> </u>	<u>;</u>	
						Sample Date:	2 16	<u>11</u>	
Personnel Present Du	ring Sampling:								
Well/Purging Informa									
Purging method:		lei Pump	-		-	top of measuring		7 1	_(ft)
Sampling method: Tubing material:		Low-Flow	-		epth to water pri		(2)	<del></del>	(ft)
Screen Length:		it	-		-	olumn in well: #1 standing in well	- #2 = (3) (4)		_(ft) (gal)
Top of well screen;		ft. below measuring p	oint			-	رح) ad 0.0408 for 1" II		- (gai)
Pump intake set at:		ft. below measuring p					ng approach only		
Casing radius:		in.		5) N	umber of purge	volumes required	(5)		_
Well material:	P <b>DC</b> / #316 S Other:	SS / Galv. Steel		6) M	aximum volume	e to be purged: #4	x #5 = (6)		(gal)
Bladder Pump Contro	oller Settings (if	used):	Recharge time			(sec)	Pressure: Cycles per minute:		osi)
Stabilization:			<b>6</b>			<b>,</b>	,		
Т:	Depth to	Volume	Pumping	_11	Conductance	Turbidity	T. (00)	DO	ORP
Time	Water (ft)	Pumped (1)	Rate (MLM	pH		(NTU)	Temp (°C)	(mg/L)	(mV)
07:55	<u> 18.45</u>	1.0	200	<u>6.23</u>	1.75	1.0F	12.65	<u>1.84</u>	<u> 24</u>
08:00	<u> 18.15</u>	2.0	2.00	<u>6.32</u>	1.72	<u>55.7</u>	<u>_12.8H</u>	1.50	16
08:05	<u>18:95</u> '	_3.0_	200	<u>6.36</u>	1.71	21.2	12.95	1.28	18
08:10	<u> 18.95</u> '	<u> </u>	200	<u>6.38</u>	1.70	12.7	12.98	1.05	20
08:15	<u> 18.95</u> ′	5.0_	200	<u>6.41</u>	1.70	0.0	13.00	0.85	21
8.20	18.95	6.0	200	6.43	1.71	3.0	13.07	0.72	22
8:25	18.95	7.0	200	<b>6.44</b>	1.71	3.8	13.09	0.72	23
9:30	18.95	<b>B.</b> 0	200	6.45	1.71	2.2	13.11	0.71	23
8:35	19.95	9.0	200	6.48	1.72	2.0	13.14	0.71	24
8:40	18.95	10.0	200	6.48	1.72	2.2	13.10	0.71	24
	10			<u> </u>	1			<u> </u>	
							<del></del>		
							<del></del>		
								<del></del>	
			-						
Sample Paran	neter	Sample V		Bott	le Туре		of Bottles	Preservat	•
YOU		120	) mL_	VI	<u> </u>		<b></b>	<u> </u>	-
						-			
			11				44		
Comments/Observation	ons/Weather Co		partly e	Lipuay	wig	to low	40'5	<u></u>	
Durae Sto		<b>-</b>	<del></del>						
			+	A					
		57 69 0 X	MPID:		40 1				
Water t	evel:	59184	compres	301 · L	1927				
Low Flow Sampling		Vell purge flow rate							
		minutes. If excessi							ve
readings of ± 0.1 pl	n, ±3% condu	ctivity, ±10% tempe	rature, turbidity,	and DO. Di	sconnect in-lii	ne water quality	meter prior to s	ampling.	

Site:	Genuine Parts	<u>_</u>			Well	#: <u>MW-/</u>	671)	
Location:	Indianapolis, IN	_			Sample I.D.			
Job #:	2125641B		•		Sample Tim Sample Dat		17	
Personnel Present D	uring Samuling:				•		4-1	
Well/Purging Inform								
Purging method:			1) '	Well depth (from	top of measurin	g point) (1	1)	(ft)
Sampling method				Depth to water pri	-		2)	(ft)
Tubing material			3) !	Length of water co	olumn in well: #		3)	(ft)
Screen Length				Volume of water:	-	(4		(gal)
Top of well screen;						and 0.0408 for I" l		
Pump intake set at		ring point				ing approach onl	• .	
Casing radius	::in.  : PVC / #316 SS / Galv. Steel			Number of purge Maximum volums	•	•	5)	
wen material	Other:		0) 1	waxiiiuiii voiung	to be purgeu: +	!4 x #5 = (6		— <sup>(gal)</sup>
Bladder Pump Contr	roller Settings (if used):	Recharge time			(sec)	Pressure		(psi)
		Discharge time	e:	<u> </u>	(sec)	Cycles per minute	e:4	
Stabilization:	,							
Time	Depth to Volume Water (ft) Pumped (	Pumping) Rate ()	рН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	OF (m)
(1) A.S.	1470		911	()\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	836	11 61	0.5	
<u>10.00</u>	10150	<u> </u>	7.10	V1174	0710	16.71	<del>• • • •</del>	
1005	<u>/658</u>	<u> 440 </u>	<u>ን,  እ</u> 8	<u> </u>	571	14.60	<u>0,0</u>	<u> </u>
1010	18.38	<i>940</i>	7.21	1,01	45.9	14.56	0,0	-4
015	14.29	2 <u>u</u> 0	721	1,00	29 6	111 58	<u> </u>	
<u> </u>	10.20	— <del>~~~</del>	101	<del>7,00</del>	39.6	111 ~~	<u> </u>	<del></del>
<i>N A</i> 3	13.38	<u> 140 </u>	<u>አ /ዓ</u>	0.44 /	3210	14,50	<u>Q.0</u>	<u> </u>
1025	18.38	240	<i>7₀/9</i>	0,490	22,2	14,39	0.0	75
1030	1127	700	7.18	0.085	15.	14.2%	0,0	16
6 2~	10.01	— <del>&lt; 7.0</del>	- 12	0.700	n d	172	<del>7.7.</del>	. <u> </u>
<u>N 35°</u>	18.36	<u> 440 </u>	<u> </u>	<u>0,481</u>	14.)	<u> 14,14</u>	UIU	
1040	18.38	<i>\ulletu()</i>	218	0,976	8.5	19,09	0.0	-6
1045	18.36	240	5.18	0.977	3,8	14 11	0.0	-6
	16.32	- <del>240</del>	210		<u> </u>	/U.S.	<del>7.5</del>	
1048	(91)/	— <del>240</del> —	11/8	0,975	<del>\(\lambda\)\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	14,00	<u> 0,0</u>	
105	<u>18.36</u>	<u> 240</u>	7.18	Q.472	0.0	14.05	0.0	<u>- 6</u>
1054	18,3>	240	7.19	0.9 21	0.0	14.00	(), D	-6
<del>, - 5</del>					<u> </u>	· ···· ·	<u> </u>	. <u>-</u>
		_						. —
			-			·		
								· —
Sample Para		nple Volume				er of Bottles		· —
Voc		bal.	40ml	Anbo		3	HC	ration/Pro
					-			
Comments/Observal	tions/Weather Conditions:	Purae Star	ted; (	940	Shel	the Reache	d: 105	54
						J		
		11-0-1						
Low Flow Sampli	no: Well nurse flow	rate of approximately	/ 0.5L/min /	or less Collect	in-line water (	mality measures	nents and der	oth to
water measuremen	nts every 3 to 5 minutes. If ex	ccessive drawdown (>	0.5 ft.), red	uce purge rate (	0.2 L/min). S	abilization with	three success	
	H, ±3% conductivity, ±10%							

Site:	Genuine	Parts				Well	#: MW-1	169 S	
Location:	Indianapo					Sample I.D.	#:		
Job #:	21256	41B				Sample Tim	e: <b>[0940</b>		
						Sample Dat	e: <u>2-17-</u>	· //	
Personnel Present Du	uring Sampling:								
Well/Purging Inform									
Purging method:		Low-Flow	-		ell depth (from	-		.)	-(ft)
Sampling method Tubing material		LOW-FIOW	<del></del>		epth to water pri ength of water co			.)	—(ft)
Screen Length		ft.	_		olume of water:			.)	(gal)
Top of well screen;		ft. below measuring p	oint	п	nultiply #3 by 0.	1632 for 2" ID	and 0.0408 for 1" I	D wells.	<b>-</b>
Pump intake set at		ft. below measuring p	oint		-		ing approach only		
Casing radius		_in. SS / Galv. Steel			lumber of purge faximum volume	-		5)	— (gal)
Wen material	Other:				ZUXIIIIIII VOIGIII	to be purged.	14 % "3 = (0	"	(§m)
Bladder Pump Contr	oller Settings (i	f used):	Recharge tim Discharge tim			(sec)	Pressure Cycles per minute		(psi)
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	(	(NTU)	Temp (°C)	(mg/L)	(mV)
10/24	20,98		200	6.91	410	0,9	13,38	0,0	~27
10:27	20.98		200	6,90	1,10	0.6	13,48	0.0	-27
(0:30)	10 98		Don	6.89	1.10	0,0	13 55	0,0	-27
10/32	3V C8		300	(50.89	1115	0,0	12/1	7.9	-78
10175	94 08			( CO	110	0.0	13 (=	<u> </u>	-20
10:36	20,40		_200	6.84	1:10	0,0	12,65	0.0	<u>-78</u>
							. <u> </u>		
· ·									
-	<del></del>								
		•		- —					
							· <del></del>		
	<del></del>			<del></del>					
								•	
				•			<del></del>	•	-
				- —			<del></del>		
								-	
Sample Para	matar	Sample V	/aluma	Pot	tle Type	Numbe	er of Bottles	Dracaru	ation/Prep
VD(_	meter		ı	400	ما الم		<b>3</b>	410	anoisi tep
		120 n		70/		· <del></del>	<u> </u>	770	
				. ——		· <u></u>			
									<u>:</u>
Comments/Observat	ions/Weather C	anditions:	luge Star	+ 19:49	8 491	5) I R.	set flow	coll - L-	1200
Sandad 110		oliditions.	une Comple	14: 10:3	6		<u> </u>	~CII 101	<del>- 2071</del>
			3 7						
	X9-X 1-X 1-7			<u> </u>					
	58 043 X	MPIC				,			
Water level !	46010	Comb	<u> 4 ) )                                </u>	5-1 X					
Low Flow Samplin	ng:	Well purge flow rate	of approximatel	y 0.5L/min or	r less. Collect	in-line water o	quality measurem	ents and dep	th to
		5 minutes. If excess							sive
readings of ± 0.1 p	oH, ±3% cond	uctivity, ±10% temp	erature, turbidity	y, and DO. D	isconnect in-li	ne water quali	ty meter prior to	sampling.	

Site:	Genuin					Well	# <b>M</b> W-	169 E	>
Location:	Indianap					Sample I.D.			
Job #:	21256	541B				Sample Tim			
						Sample Dat	e: <u>25-73</u>	-1/	<del> </del>
Personnel Present L	Ouring Sampling	į							
Well/Purging Information Purging method				1) 1	Vall danth (from		i) (1		(6)
Sampling metho		Low-Flow	<del></del>		Well depth (from Depth to water pri	-		2)	$-^{(ft)}_{(ft)}$
Tubing materia			<u>_</u>		ength of water c		1 - #2 = (3	3)	(ft)
Screen Lengt		_ ft.	_		Volume of water	-	(4	1)	(gal)
Top of well screen Pump intake set a		_ft. below measuring	•				and 0.0408 for 1" l		
Casing radiu		_ft. below measuring in.	ponn		Number of purge		ing approach onl	y) 5)_	
_		SS / Galv. Steel			Maximum volume	-	-	5)	(gal)
Bladder Pump Cont	troller Settings (i	f used):	Recharge tim Discharge tim			(sec) (sec)	Pressure Cycles per minute		(psi)
Stabilization:			Discharge in			(300)	Cycles per manae	··.	
<u>DMOINDMIGH</u>	5.4.								
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
11/25	20,75	1 ump. u ()	200	7.09	0.95	37.7	14.24	0.0	-98
11/20	76 > 6			~~~~	0.965	7/1	1112		· <del></del>
11150	<u>طار، لالہ</u>		<u> ४०४</u>	<u> 707</u>		201/	79,23	8,0	-/00
11133	70.5°		<u>9a-o</u>	206_	6.973	29,3	14.29	0,0	<u>-/03</u>
1738	20,26		200	7.05	0,992	19.5	14.34	0.0	<u>-/0 )</u>
14743	30.77		<u> 200 .                                  </u>	705	1.01	11.5	14.35	0.0	7/0
[]:48	20.76		Ders	205	102	3.8	14.39	0.0	~///
11:51	2027		200	205	203	0.0	14.50	0.0	-113
11:54	20,75		200	7,05	1,03	0.0	14.42	0.0	-113
11/5	26.76		9.40	3,05	1.03	0.0	14.42	0.0	114
1117 /	<u>«U.7»</u>		<u>~~~</u>	<u> 700</u>		0.0	11172	05,0	-11-1
		·	-				<del></del>		
						. <del></del>			
		-							
				<del></del>					
		<del>-</del> .	-						
			-	·		-			· ——
						-			
								_	
. Sample Par	en matar	Sample 3	Maluma	D.	asta Tama	Nīb.	er of Bottles	D	
sample ran	ameter	ا Sample ا	voiume 1	40 m	ttle Type	Numbe	er of Bottles		ation/Prep
- WC	·_·.	100 M	<u></u>	TOAL			<u> </u>	770	
Comments/Observa		onditions:	Started Pa	<u>ge:11.</u>	:15	Stebili	ty Done	w)! H	157
prec /	1-10-								
			_						, Y.
								<u> </u>	
Low Flow Sampli		Well purge flow rate							
water measureme	nts every 3 to	5 minutes. If excess	ive drawdown (>	0.5 ft.), redu	ce purge rate (	0.2 L/min). St	abilization with	three succes	sive
readings of $\pm 0.1$	pH, ±3% cond	uctivity, ±10% temp	erature, turbidity	, and DO. I	usconnect in-li	ne water quali	ty meter prior to	sampling.	

Pump intake set at:		_			Sample I.D. Sample Tin Sample Da			
Personnel Present During Sampling:    Well/Purging Information:		_						
Well/Purging Information: Purging method: Sampling method: Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material: PVC / #316 SS / Go Other:  Bladder Pump Controller Settings (if used):  Stabilization:  Depth to Water (ft) 13.38 13.44 14.25 13.54 14.25 13.558 14.25 14.25 13.574 14.25		_			•		/	
Well/Purging Information: Purging method: Sampling method: Tubing material: Screen Length: Top of well screen; Pump intake set at: Casing radius: Well material: PVC / #316 SS / Go Other:  Bladder Pump Controller Settings (if used):  Stabilization:  Depth to Water (ft) 13.38 13.44 14.25 13.54 14.25 13.558 14.25 14.25 13.574 14.25		<del>-</del>						
Purging method: Sampling method: Tubing material: Screen Length: Top of well screen; Fit. bel Casing radius: Well material: PVC / #316 SS / Go Other:  Bladder Pump Controller Settings (if used):  Stabilization:  Depth to Water (ft) 13.38 14.25 13.58 14.25 13.58 14.25 13.58 14.25 13.58 14.25 13.58 14.25 13.58 14.25 14.25 14.25 14.25 14.25 14.25 14.25 14.25 14.25 14.25 14.25		_						
Tubing material:    Screen Length:		<b>-</b>	1)	Well depth (from	top of measurin	ıg point) (	1)	(ft)
Screen Length:		_		Depth to water pri	-	(	2)	(ft)
Top of well screen;		_		Length of water co			3)	_(ft)
Pump intake set at:	ow measuring p	:_4	4)	Volume of water s		(and 0.0408 for 1"	(4)	_(gal)
Casing radius:	ow measuring p ow measuring p					and 0.0408 for t ging approach on		
Other:    Bladder Pump Controller Settings (if used):   Stabilization:   Depth to   Water (ft)   Pump		,		Number of purge			(5)	
Stabilization:  Time Water (ft) Pumy  13:38  13:41  14:25  13:49  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25  14:25	lv. Steel		6) -	Maximum volume	to be purged:	#4 x #5 = (	6)	(gal)
Time Water (ft) Pum  13:38  13:41  14:25  13:44  14:25  13:58  14:25  14:04  Sample Parameter  (DC		Recharge tim Discharge tim			(sec)	Pressur Cycles per minut		(psi)
Time Water (ft) Pum  13:38  13:41  14:25  13:44  14:25  13:58  14:25  14:04  Sample Parameter  (DC		Didoning tim			(300)	Oyeres per manu.		
Time Water (ft) Pum  13:38  13:41  14:25  14:25  13:49  14:25  13:58  14:25  14:25  14:04  14:04  Sample Parameter  (DC								
3 38  4 25	Volume	Pumping	_••	Conductance	Turbidity	m 20.00	DO (magf)	ORP
3   4   14,25   14,25   13   4   4   14,25   13   5   5   14,25   14	ea ()	Rate ()	•	V 201	(NTU) つくつ	Temp (°C)	(mg/L)	(mV)
Sample Parameter (DC.		150	7.13	<u> </u>	78,2	(3,17)	00	- ७-५
Sample Parameter		150	<u> </u>	0.800	<u>)}.o</u>	12.72	0.0	<u>63</u>
Sample Parameter		<u> 150</u>	2.11	<u>008,0</u>	54.2	12.71	0,0	62
Sample Parameter		150	2.11	0,802	31.6	12.58	0.0	62
Sample Parameter		150	711	0.802	2.7	12.44	0,0	61
Sample Parameter		150	· <del></del>	608,0	0.0	1) 25	0.0	40
Sample Parameter			· <del>// //</del>	0.800		· <del>(2,33</del>	$\frac{\lambda^{2}}{\lambda^{2}}$	<u> </u>
Sample Parameter		150	· <del>7,11</del>	4 > 600	0.0	· <del>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</del>	· <del>0.0</del>	<u> </u>
		100	. <u>///}</u>	0. >77	<u>0,0</u>	12,21	. <u>८,८</u>	<u>67</u>
				·			. ——	
		-				- —	· ——	
			- —			- ———	. ——	
				. <del></del>		<del> </del>		
		•						
		•	. —			. —	. ——	
	•					-	. ——	
	· · ·			· · · · · · · · · · · · · · · · · · ·			-	
	Sample V	Volume	4.a. B	ottle Type	Numb	er of Bottles	Preserve	ation/Prep
	1201	n L	40,	·LAMO	-	3	HCI	<i>'</i>
		1 0		. 30	11 11			
Comments/Observations/Weather Condition	ıs:	Purge 5to	<u>+† : 15</u>	:7 <u>8</u>	>Noilite	4 Met: 14	<u> /: 64</u>	
		· <u> </u>				<u>,                                      </u>		
T E								
Low Flow Sampling: Well pu water measurements every 3 to 5 minut		of approximately			- 1:			all as

Site: Location: Job #:	Genuine Indianapo 21256	dis, IN				Well # Sample I.D. # Sample Time	MW 307		oll
	21250					Sample Date		<u> </u>	
Personnel Present Du	uring Sampling:								
Well/Purging Inform Purging method:	<u>bladd</u>	er pump	<del>_</del>		/ell depth (from to	-	point) (1)		_(ft)
Sampling method		ow-Flow	_		epth to water prio		(2)	<u> /3.37'</u>	(ft)
Tubing material: Screen Length:		1	_	-	ength of water col olume of water st		- #2 = (3) (4)		_(ft) (gal)
Top of well screen;		ft. below measuring p	point			_	nd 0.0408 for 1" ID	wells.	_ (B.m/
Pump intake set at	_	ft. below measuring p	point	(1	Required for well	l volume purgi	ng approach only)	)	
Casing radius		in.			umber of purge v	•			
well material	: P <b>*D</b> 2 / #316 S Other:	SS / Galv. Steel		6) N	laximum volume	io be purged: #-	$4 \times #5 = (6)$		(gal)
Bladder Pump Contro	oller Settings (if	used):	Recharge time			sec)	Pressure: Cycles per minute:		iac)
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (MUM)	pH	(MT)/AAA	(NTU)	Temp (°C)	(mg/L)	(mV)
09:45	13.6	1.0	200	<u>6.73</u>	1.27	8.8	11.32	1.32	<u>-85</u>
10:00	13.62	<u> </u>	200	<u> 7.24</u>	10F.0	6.8	12.37	0.65	-/86
<u>10:05</u>	13.62	5.0	200	7.27	0.695	4.7	12.46	<u> </u>	<u>-191</u>
10:10	13.62	<u>6.0</u>	200	7.29	0.692	4.6	12.49	<u>0.46</u> .	<u>-193</u>
10:15	13.62	7.0	200	7.30	0.690	<u>5.4</u>	12.53	<u>0.36</u>	-194
10:20	13.62	%.০	200	7.30	0.688	0.0	12.52	0.36	-195
10:25	13.62	4.6	200	7.30	<u>୦.७%</u>	5.6	12.60	<u>0.35</u>	-195
			·				<u> </u>		
<u> </u>		,							
_									
									- "
								<del></del>	
									•
			-						
			-						
Sample Para	meter	Sample \	_		tle Type	Number	of Bottles	Preservat HCL	•
VUC		1201	74.	_VIN				TCL	<del></del>
	·						<del>,</del>	•	<del></del>
	<del></del>	-							
Comments/Observation		onditions:	clear, n	NIO L	10'5 ·			<u> </u>	
. purge 4	00'								
Horiba	<u>u52.: u</u>	57898X	٠ ۸۸	DID.	2417				
Water		59184	LOMPI		2.2192	. 7			
I Flan Co. "	•				_	1.	r.		
Low Flow Samplir water measuremen		Vell purge flow rate minutes. If excess							
		activity, ±10% temp							

Site:	Genuin	e Parts				Well	#: MW-10	-1R	
Location:	Indianar	polis, IN				Sample I.D.	#: <u>MW-10-</u>	IR	
Job #:	21250	641D				Sample Time		,	
						Sample Date	e: <u>9-15-11</u>		
Personnel Present	t During Sampling	<u>g:</u>							
Chris Ferguson, E									,
Well/Purging Info	ormation:								
Purging method	•			1)	Well depth (from	top of measuring	g point) (1	) <b>20</b>	(ft)
Sampling meth	nod:	Low-Flow	<b>-</b> <b>-</b>	2)	Depth to water pri	ior to purging	(2	2) <b>/6,25</b>	(ft)
Tubing mater			_		Length of water c			3,7 <i>5</i>	(ft)
Screen Leng		ft.		4)	Volume of water	_		<sup>1)</sup>	(gal)
Top of well scree		ft. below measuring p					and 0.0408 for 1" l		
Pump intake ser Casing rad		ft. below measuring p	oint		Number of purge		ing approach onl	i <b>y</b> ) 5)	
_	rial: PVC / #316			-	Maximum volume	•		5) (5)	(gal)
.,	Other:			0,		o to ou pargean			(8/
Bladder Pump Co	ontroller Settings (	if used):	Recharge time	a•		(sec)	Pressur	e:	(nsi)
<u> </u>	mironer Settings (	ir usouj.	Discharge time	e:		(sec)	Cycles per minut		(psi)
Stabilization:									
	Donth to	Volume	Dummin a		Canduatanas	Tombidies		DO	ORP
Time	Depth to Water (ft)	Pumped ()	Pumping Rate ( )	рН	Conductance	Turbidity (NTU)	Temp (°C)	(mg/L)	(mV)
	/6.30	1 umped ()	150		·	(1110)	- Temp ( C)	(mg/L)	(III V) —
1515	_ <del></del>				- > - >	(5.17	11.50	A 200	12.0
1545	/6.23	-	150	7,14	0.)35	13.5	16.56	0.38	128
1530	_ <u>16.३५</u>		150	7.15	<u>0.529                                    </u>	4.7	16.57	0.70	<u> 737</u>
1565	16,22		150	7.14	0. >29	0.0	16.54	0.0	142
1600	16.23		150	7.18	0.728	0.0	1150	0.0	144
1000			1-	7.18	0.728	0.0	11 20	$\frac{0.0}{4}$	
1605 1610 amf	16.22		150_	7.10	0, 128	0.0	16. 33	0.0	17/
~ <del>/610</del> ~"									
	_								
Sample P	arameter	Sample V	olume	В	ottle Type	Numbe	er of Bottles	Preserv	ation/Prep
voc		# 00	<u>. l</u>	40.	1 Alaber	3		HC.	1
			<u> </u>		41 Males				<u>'</u>
-									
	<del></del>					•			
<del></del>				-					
Comments/Obser	vations/Weather (	Conditions:	SUMMY, MI	0 50	, 5				
Stobility A	Receled: 160	)5	>1						
<del></del>									
Low Flow Samp	nlina	Well purge flow rate	of approximately	0.51 /min a	or less Callage:	n line woter o	iality measurem	ante and dest	h to
		5 minutes. If excessive							
		luctivity, ±10% tempe							

Site:	Genuin	e Parts				Well#	# MW-1	46	
Location:	Indianap					Sample I.D. #		16	
Job #:	21256					Sample Time			
<u></u>						Sample Date			<del></del>
Personnel Present D	uring Sampling	<u>u</u>							
Chris Ferguson, EN						<u> </u>			
Well/Purging Inform	nation:								
Purging method:	:		_		Vell depth (from			) <u>25</u>	(ft)
Sampling method		Low-Flow	_		Depth to water pr			() <u>(0.37</u>	(ft)
Tubing material			_		ength of water c			S)	_(ft)
_	1: 0 16.10	ft.			olume of water		(4		(gal)
-		ft. below measuring po					nd 0.0408 for 1" I		
Pump intake set a		ft. below measuring po	oint		-		ing approach onl		
Casing radius		in.			Number of purge	_	d (5	5) 	<b>-</b> , ,
Well materia	I: PVC / #316 Other:	SS / Galv. Steel		6) N	Aaximum volume	e to be purged: #-	4 X #3 = (6	o)	(gal)
Bladder Pump Contr	roller Settings (	if used):	Recharge time			(sec)	Pressur	e:	(nei)
Bladder Fullip Colla	ionei Seinngs (	<u>ii useu).</u>	Discharge time	·			Cycles per minute		(psi)
0.17				-					
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
- In HIS CAP	10,45		150		~	-			
45	<del></del>			C 66			1/1/5	4	- A
75/5	10:47		150	6.98	1.13	0.0	14.67	0.00	69
77520	10.48	<u> </u>	150	6.94	1.15	0.0	14.66	<u>0.00</u>	<u> &gt;8                                    </u>
77525	10,47		/50	6.95	4.15	0.0	14,65	600	104
. 7000				<u> </u>					
								<del></del>	
	-								
		<del></del>			-				-
<del></del>						-			
					-				
						<del></del>	<del></del>		
<del></del>						<del></del>	<del></del>		
Sample Para	ameter	Sample V	olume	Во	ttle Type	Numbe	r of Bottles	Preserv	ation/Prep
_		-							
-									
-									
				<del> </del>				-	
Comments/Observa								<u> </u>	
Clause,	ight Rain								
Stabilty 1	Eucher 1	1525							
					· · · · · · · · · · · · · · · · · · ·				
Low Flow Sampli	ino•	Well purge flow rate of	of approximately	0.5L/min.or	r less. Collect i	in-line water o	ality measurem	ents and dent	h to
water measuremen		5 minutes. If excessiv							
		luctivity, ±10% tempe							

Site:	Genuin Indianap					Well #	: MW-148	3R	
Job #:	21256					Sample Time			
						Sample Date	9-15-11		
Personnel Present I Chris Ferguson, EN		<u></u>							
Well/Purging Information Purging method Sampling method Tubing materia	l: d:	Low-Flow	<u>.</u>	2) I	Well depth (from to Depth to water pri Length of water co	or to purging	(2	·	(ft) (ft) (ft)
Screen Lengt Top of well screen Pump intake set a Casing radiu Well materia	i; <u>/0.5</u> at: <u>/9</u> is: 2	ft. ft. below measuring po ft. below measuring po in. SS / Galv. Steel			)	_(gal) _ _ (gal)			
Bladder Pump Con	Other:		Recharge time			(sec)	Pressure		(psi)
Bladder Tump Con-	uoner settings (	n usca).	Discharge time			(sec)	Cycles per minute		(par)
Stabilization:									
Time 1645	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	pН	Conductance ()	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
17/1705	12.16		150	<u>6.91</u> 6.93	1.80	0.0	15.97	0.00	120
17/10	12.16		150	6.92	1,89	0.0	15.84	0,00	10>
1770	12,16		150	6.92	189	0.0	15.82	0.00	106
1720				<u>0.700</u>	1,01		7-1-10-	<u> </u>	700
1)27									
Sample Par	rameter	Sample V		40,	ottle Type L Amper	Numbe	r of Bottles	Preserva HC1	ation/Prep
Comments/Observa		Conditions:	50 Surry , 50	•5					
Stabring R	ueled! 172	20	٠, ر						
Low Flow Sampl		Well purge flow rate of							
		5 minutes. If excessive fuctivity, ±10% temperatures.							e

Site:	Genuine	e Parts_				Well		-150	
Location:	Indianap					Sample I.D.	#: <u>Mw ~</u> /	58	
Job #:	21256	541D				Sample Tim	e: <u>1615</u>		
						Sample Dat	e: <u>9~14~ll</u>		
Personnel Present Du Chris Ferguson, ENV		<u>:</u>							
Well/Purging Informa	ation:								
Purging method:				1) We	ll depth (from	top of measurin	g point) (1)	19	(ft)
Sampling method:		Low-Flow	_			ior to purging	(2)	13.60	<b>6</b> (ft)
Tubing material:			_		_	olumn in well: #			(ft)
Screen Length:		_ft.				standing in well			(gal)
Top of well screen;		_ ft. below measuring p					and 0.0408 for 1" ID		
Pump intake set at: Casing radius:		ft. below measuring prin.	OOINT			volumes require	ging approach only)		
		SS / Galv. Steel				e to be purged: #			(gal)
West material.	Other:	SS7 Garv. Steel		0) 1114		o to oo pargoa.			(8/
Bladder Pump Contro	ller Settings (i	if used):	Recharge time:			(sec)	Pressure:		(psi)
Bladder I ump Contre	mer settings (i	ii uscu).	Discharge time:		-	(sec)	Cycles per minute:		_(psi)
Stabilization:			_				·		-
	D 41.	** 1	ъ.		G 1 .	T 1:1:		200	ODD
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	рН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
i Cin &		rumpeu ()		pri	()	(N10)	Temp (C)	(Hig/L)	_ (IIIV)
1840	13.76		100	<del></del> -					
1615	14,95								
***************************************									-
•				<del></del> -		· -			
<del></del>									
				<u>.</u>	4				_
							· <del>.</del>		
						· <u>-</u>	· <u>-</u>		
			-						<u> </u>
									_
							<u> </u>		
					_				
Sample Parai	meter	Sample V	olume	Bottle	Туре	Numbe	er of Bottles	Preser	vation/Prep
					· <del></del>				
						-		-	
						·			
Comments/Observati	ons/Weather C	Conditions:	Glowdy ligh	it rain.	7o°				
Note: Initi	M DISC	hange bark en	& high in 4	1+/partix	culates				
* Drawdown >	> / f+ af+	er 10 min. Du	my stopped to	Check 1	rechange				
<u>i. Sample lelle</u>	9-0 : Hill	ng Teurbied / With	h Sedim ents						
Low Flow Samplin	ıg:	Well purge flow rate	of approximately 0	5L/min or le	ess. Collect	in-line water o	uality measuremen	ts and dep	th to
		5 minutes. If excessive							
		uctivity, ±10% tempe							

Site:	Genuine						#: MW-15		
Location:	Indianap						#: MW-152	<u> </u>	
Job #:	21256	41D					e: <u>//35</u> e: 9-/5-11		
						Sample Dat	e: <u>9~15~11</u>		<del></del>
Personnel Present	During Sampling:	1							
Chris Ferguson, E	NVIRON					<del></del>			
Well/Purging Info	rmation:								
Purging metho			_	1)	Well depth (from	top of measurin	g point) (	1)_ <b>20</b> _	(ft)
Sampling meth	_	Low-Flow	-	2)	Depth to water pri	ior to purging	• (	2) <b>/4.35</b>	(ft)
Tubing mater			_		Length of water co			3) <b>5.65</b>	(ft)
Screen Leng		_ft.	• .	4)	Volume of water s	-		4)	—(gal)
Top of well scree Pump intake set		ft. below measuring po					and 0.0408 for 1"		
Casing radi		in.	Mill		Number of purge	-	ging approach on	i <b>y</b> ) 5)	
-	ial: PVC / #316	_			Maximum volume	•		6)	— (gal)
	Other:			-,		- 10 00 P8			(8***)
n n	. 11 6 4	c					_		
Bladder Pump Cor	ntroller Settings (i	f used):	Recharge tim Discharge tim	e:	<del></del> ·	(sec)	Pressur		(psi)
			Discharge tim	e:		(sec)	Cycles per minut	e:	
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ODD
Time	Water (ft)	Pumped ()	Rate ()	pН	( )	(NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
//	14.39	1 umped ()	150	μ. 	,	(1110)	remp ( C)	(IIIg/L)	(111 V)
/000								7.04	111
1035	14.39		150	1.16	0-86-1	51.1	13.62	2.92	166
1040	14,39		100	<u> 5.17</u>	0.876	<u>38.0                                    </u>	17.62	3.08	171
1045	14,39		150	714	0.875	26.0	17.64	3.02	1)3
1050	4.39		150	7.13	0.875	14.1	17.73	297	175
1055	14.39	<u></u>	150	5/3	0.8>5	12.4	17.76	2.90	Dr
1/.00	14,35		150	7.13	0.815	101	17.72	3.00	170
1105	14.39		150	5.14	0.875	8.2	12 29	3.01	174
1110	- <del> </del>		150		0.874	5.7	17.21		
11.5	4:39			7.15	* (>>		11.15	302	<u>/&gt; y</u>
1115	14.39		/50_	7.14	0.873	24	#13.75	2.99	1)4
1120	<u>14.39</u>		150	7.13	0.802	<u> </u>	17.83	2.95	175
1125	14.39		150	7,15	0,874	0.0	17,79	3.00	175
1130	<i>I</i> 4, 39		150	7.19	0,872	0.0	17,91	298	175
Sample Pa	rameter	Sample Vo	olume		ottle Type	Numbe	er of Bottles		ation/Prep
VC		120 mL		40 ml	Amber	3		HC	1
					•		-		
								· · · · · · · · · · · · · · · · · · ·	
	-		· · · · · · · · · · · · · · · · · · ·			r			
		-							
		<u> </u>			_				
•			/ 1	1.	-0				
Comments/Observ			Sunny, ch	<del>ur, 45</del>					
Stubility	Readud: 1	130					·		
-		<del></del>							
_		<u>.</u>				<del></del>		<del></del> -	<del></del> -
Low Flow Sample		Vell purge flow rate o							
water measureme	ents every 3 to 5	minutes. If excessive	drawdown (>0	.5 ft.), reduc	ce purge rate (0.2	2 L/min). Stal	oilization with th	ree successiv	e

readings of ± 0.1 pH, ±3% conductivity, ±10% temperature, turbidity, and DO. Disconnect in-line water quality meter prior to sampling.

			111512	DAIAI	OKW		1.0.		
Site:	Genuin	o Darte				Well #	يعــ	MW	-151
Location:	Indianap					Sample I.D. #		<u> </u>	
Job #:	21256					Sample I.D. #		121	
JOU #	21230	J+11/				Sample Time			
						Sample Date	7/17/1		
Personnel Present I	Jurina Samplina								
Chris Ferguson, EN		<u>.</u>							
Cillis Feiguson, EN	VIKON								
Well/Purging Inform	metion:								
		10.0		1) 1	177-11 d41- (6				(6)
Purging method			_		-	top of measuring		20	(ft)
Sampling metho		Low-Flow	=		Depth to water p		(2)		—(ft)
Tubing materia		LDPE	=		-	column in well: #			— <sup>(ft)</sup>
Screen Lengt		ft.				standing in well	(4)		(gal)
Top of well screen		_ ft. below measuring po					nd 0.0408 for 1" ID		
Pump intake set a		ft. below measuring po	oint				ing approach only		
Casing radiu		in.				volumes require			
Well materia		SS / Galv. Steel		6) 1	Maximum volum	ne to be purged: #	$4 \times #5 = (6)$		(gal)
	Other:								
					• .				
Bladder Pump Cont	troller Settings (	if used):	Recharge time		16	(sec)	Pressure:	<u> 26</u>	(psi)
			Discharge time	:	5	(sec)	Cycles per minute:	<u> 4</u>	
								•	
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (Mark	pН	(mycm)	(NTU)	Temp (°C)	(mg/L)	(mV)
940	14.80		200	_	_	•••		_	~
1000					-				
	14.80		540	7.16	0.799	2.1	14.34	0.00	<u> 188</u>
1005	14.80		200	7.17	0.798	0.0	14.33	0.00	183
									<del></del>
1010	14.80		<u> </u>	7.12	0.717	0.0	14.29	0.00	179
						<del>.</del>			
							<del></del>		
						_			
					-	· ——			
Sample Par	ameter	Sample Vo	olume	Во	ottle Type	Number	r of Bottles	Preserv	ation/Prep
		40				3		HL	-
10	<u> </u>	90	m	<u> 17 m5</u>	er UDA	>		- 10	·(
	<del></del>					-			
Comments/Observa	tions/Weather C	Conditions:	Overcut, ~	70°F					
Well c	exing is co	ruked	,						
	0								
<del></del>									
Low Flow Sampli		Well purge flow rate o							
water measuremen		minutes. If excessive							
		uctivity, ±10% temper							

Site:	Genuin	e Parts				Well #	· MW-	153	
Location:	Indianap					Sample I.D. #		53	
Job #:	21256					Sample Time		<del>-</del>	
		<u></u>				Sample Date		5011	
Personnel Present I Chris Ferguson, EN		<u>.</u>							
Chris Ferguson, Er	VIRON							_	
Well/Purging Infor	mation:	. 1							
Purging method	d: Ble	dden		1)	Well depth (from	top of measuring	g point) (1	19.5	(ft)
Sampling methor		Low-Flow	<u>_</u>	2) ]	Depth to water pri	ior to purging	(2	2) <b>13. 4</b> 4	(ft)
Tubing materia	al: LDPE		<u> </u>	3) !	Length of water co	olumn in well:#	1 - #2 = (3	3)	(ft)
Screen Lengt		_ft.		4)	Volume of water s	standing in well	(4	4)	(gal)
Top of well screen		_ft. below measuring	-		multiply #3 by 0.				
Pump intake set		_ ft. below measuring	point		(Required for we			ly)	
Casing radiu		in.			Number of purge	_		5)	_
Well materia	_	SS / Galv. Steel		6) 1	Maximum volume	to be purged: #	$4 \times #5 = (6$	<u> </u>	(gal)
	Other:								
Bladder Pump Con	troller Settings (i	if used):	Recharge time	e:	10	(sec)	Pressur	e: <b> }</b>	(psi)
-			Discharge time				Cycles per minut		, (k)
			J			` ,	, ,		•
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate (mymix	pН	ms/cm	(NTU)	Temp (°C)	(mg/L)	(mV)
820	13.02		200	-	_		-		-
840	13.02		200	6.53	2.88	0.0	15.80	1.10	339
845	13.02		200	1.20	2.8%	0.0	15.48	0.00	F 06
				<del>0.7 a</del>		0.0			
850	13.02		700	6.79	2.86		15.42	0.00	197
855	13.07		200	6.81	۵.8۲	<u>0.0</u>	15.38	0.00	190
900	13.02		200	6.82	<u>2.84</u>	0.0	15.36	0.00	187
			<del></del>					-	
								. •	•
Sample Par	rameter	Sample 5	Volume	Во	ottle Type	Number	r of Bottles	Preserv	ation/Prep
Voc		Ýs.	_			3	2	Нc	•
			ml	H mai	er VOA				<u>^</u>
Comments/Observa	ations/Weather C	Conditions:	Overcest.	~ (01°	ド				
				•					
Low Flore Co	: ·	W-11 C1	-£ · · · ·	0.51./ :		. 15	-114		
Low Flow Sample		Well purge flow rate							
		minutes. If excessing uctivity, ±10% temperature.							/6
100011160 OI ± O.1	P.1, 20 /0 COM	404 711y, ±10 /0 1011p	crature, tarbianty,	mu DO. D	1300moct m-Illi	water quanty	meter prior to s	աութոուց.	

Site:	Genuine Indianap					Well # Sample I.D. #	<del></del>	<i>54</i>	
Job #:	21256					Sample Time		<del>`_</del>	
		· · · · · · · · · · · · · · · · · · ·				Sample Date			
Personnel Present D Chris Ferguson, EN		<u>:</u>							
Well/Purging Inform	nation:								
Purging method				1) V	Well depth (from	top of measuring	g point) (	1) <b>20</b>	(ft)
Sampling method	d:	Low-Flow	_	2) I	Depth to water pr	rior to purging	. (2	2) <b>/455</b>	(ft)
Tubing materia	մ:		_ _	3) I	ength of water c	column in well:#	1 - #2 = (3	3)	(ft)
Screen Lengtl		_ ft.				standing in well		4)	_(gal)
Top of well screen		ft. below measuring p				.1632 for 2" ID a			
Pump intake set a		_	oint		-	ell volume purgi			
Casing radiu		in. SS / Galv. Steel				volumes required	1 (; 4 v #5 – (;	5)	— (gal)
weii maieria	Other:	SS / Galv. Steel		O) r	viaximum voium	e to be purged: #-	( = C# X +		(gai)
Bladder Pump Cont	troller Settings (i	if used):	Recharge time:	:		(sec)	Pressur	e:	(psi)
		<del></del>	Recharge time: Discharge time:			(sec)	Cycles per minut		
Stabilization:									
								200	OPP
m:	Depth to	Volume	Pumping		Conductance	Turbidity	T (9C)	DO (TO TO T	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
1640	14,60		200						
1710	14.60		_၁၀ပ	<u>730</u>	<u>2.76</u>	2.2	1).65	2.41	98
1715	1460		200	7,28	2.64	3.5	17.32	<u>2.39                                    </u>	118
1770	14,60		200	7.28	2.86	3.2	17.16	2.40	<u> 130 </u>
1725	14.60		200	7.28	2.87	3.6	17,03	1.97	137
1730	14.60		200	7.28	2.88	4.1	16.91	2.16	140
7 1-335	14.60		200	7,27	2.88	4,5	12,07	2.03	142
CAR 1740	14.60		<u> </u>	7,27	2,89	4.4	16.89	1,99	146
							······································		
									<u> </u>
Sample Par	rameter	Sample V	olume	Во	ottle Type	Numbe	r of Bottles	Preserv	ation/Prep
Voc		120 n	L	401	nL VDA	3		<u> HCI</u>	
Comments/Observa		Conditions:	Sanny 9	50'5	Breeze S	From Sou	M.		
Stability K	exclase! 1	7 46	71	<u>'</u>			· · · · · · · · · · · · · · · · · · ·		
				_ <del></del>					
Low Flow Sampl	ing:	Well purge flow rate 5 minutes. If excessive							
readings of ± 0.1	nH +3% cond	luctivity, ±10% tempe	rature turbidity.	and DO. D	isconnect in-lir	ne water quality	meter prior to s	ampling.	· C

	21230	olis, IN 641D					1450		
		· -				Sample Date	: <u>9-15-11</u>		
Personnel Present I Chris Ferguson, EN		<u>:</u>			<u></u> ,				*
Well/Purging Information Purging method Sampling method Tubing materia Screen Lengt Top of well screen Pump intake set a Casing radiu	mation: d:	ftft. below measuring pft. below measuring pinSS / Galv. Steel		2) I 3) L 4) V ( 5) N	• •	or to purging blumn in well: # tanding in well 632 for 2" ID a ll volume purg volumes require	(2 1 - #2 = (3 (4 nd 0.0408 for 1" II ing approach only d (5	) /2, 89 7, 11 ) wells. y)	(ft) (ft) (ft) (gal)
Bladder Pump Con	Other:		Recharge time	e:	(	sec)		»:	
Stabilization:									
Time 1400 [425 ]430 ]436 [440]	Depth to Volume Time Water (ft) Pumped () Ra  400		Pumping Rate ()  150  150  150  150  150	7.12 7.11 7.04 7.07	Conductance ()  0,905 0,994 0.993 0,988 0,987	Turbidity (NTU)  0.0  0.0  0.0  0.0	Temp (°C)  16.85  15.63  15.50  15.44  15.42	DO (mg/L)	ORP (mV) 90 90 99 80
Sample Par	rameter	Sample V	olume		ttle Type Amber	Numbe 120	er of Bottles	Preserv	ation/Prep
Low Flow Sampl	Reached; 12	Jonardono.	of approximately	0.5L/min o	r less. Collect in	n-line water qu	uality measureme	ents and dept	h to

Site:	Genuin					Well		59	
Location:	Indianap 21256					Sample I.D. Sample Tim	e: /328	5 9	
Personnel Present Chris Ferguson, El		<u>:</u>				Sample Dat	e: <u> </u>		
Well/Purging Infor Purging metho Sampling metho Tubing materi Screen Leng Top of well screet Pump intake set Casing radii Well materi	d: od: ial: th: N/A n; N/A at: /5.75	ftft. below measuring pinSS / Galv. Steel		2) E 3) L 4) N (( 5) N		or to purging olumn in well: #standing in well 632 for 2" ID a cell volume purg	(2) #1 - #2 = (2) and 0.0408 for 1" I ging approach onled (2)	1) D wells.	<del>_</del> ()
Bladder Pump Con	ntroller Settings (i	if used):	Recharge time Discharge time	:	(	(sec)	Pressur Cycles per minut		(psi)
Time /245 1315 1318 1324	Depth to Water (ft)  /3.16  /3.17  /3.18  /3.17	Volume Pumped ()	Pumping Rate ()  200  200  200  200	7.00 7.00 6.98 6.95	Conductance ()	Turbidity (NTU)  0.0 0.0 0.0	Temp (°C)  16.62  16.39  16.31  16.25	DO (mg/L) 0.00 0.00 0.00	ORP (mV)
Sample Pa	ırameter	Sample V		40 m	itle Type Amber		er of Bottles	Preserv HC	vation/Prep
Low Flow Samp	ling:	Well purge flow rate of minutes. If excessive		0.5L/min or	less. Collect in				
		uctivity, ±10% tempe							

Site:	Genuin	e Parts		Well #: MW-\@							
Location:	Indianap	oolis, IN				Sample I.D. #:	Mw-	160			
Job #:	21256					Sample Time:		153	(c)		
<del></del>						Sample Date:					
Personnel Present D		<u>:</u>									
Chris Ferguson, EN	VIRON						· · · · · · · · · · · · · · · · · · ·				
Well/Purging Inform	nation:	. 1									
Purging method		adder	_		Vell depth (from t		point) (1	<u> 4.67</u>	_(ft) <b>5</b>		
Sampling method		Low-Flow	_		epth to water pri-		(2	)3	(ft) 🗸		
Tubing materia		-DPE		3) L	ength of water co	olumn in well: #1	- #2 = (3	)	(ft)		
Screen Lengtl		ft.		4) V	olume of water s	tanding in well	(4	)	(gal)		
Top of well screen	; <u> </u>	_ ft. below measuring	point	n	nultiply #3 by 0.1	632 for 2" ID an	d 0.0408 for 1" I	D wells.			
Pump intake set a	t: <b>9</b>	ft. below measuring	point	(1	Required for we	ll volume purgir	ng approach onl	y)			
Casing radius	s: <b>2</b>	in.		5) N	lumber of purge v	olumes required	(5	) 🖚			
Well materia	PVC #316	S\$ / Galv. Steel		6) N	laximum volume	to be purged: #4	x #5 = (6	<sub>0</sub> —	(gal)		
	Other:								_		
Bladder Pump Cont	roller Settings (	if used):	Recharge tim	e:	10 (	(sec)	Pressure	: 14	(psi)		
			Discharge tim	e:	5 (	(sec)	Cycles per minute	: 4			
Stabilization:											
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped ()	Rate (	рН	(m5/cm)	(NTU)	Temp (°C)	(mg/L)	(mV)		
1425	4 31	7 dinipod ()	200	<b>–</b>		(1410) -	- Temp ( C)	(Ing/L)	(III V)		
1455	4.73		200	4.75	1.51	24.0	16.63	0.04	-62		
1500	4.73		200	6.97	1.48	20.6	15.59	0.00	- 81		
1505	4.73		200	7.02	1.46	17.7	15.63	0.00	-87		
<del></del>	4.73						15.18	0.00	+88		
1510			200	7.04	1.4le	16.3			-88		
1515	4.73	·	200	7.05	1.45	14-6	15.53	<u>0.00</u>	***************************************		
1270	4,73		200	7.07	1,44	_/2.0_	15.56	0000	-87		
1523	4,53		300	<u> </u>	1.44	13.5	15.63	<u>000</u>	-87		
1526	4.73		200	<u> 706</u>	<u> 1. 44</u>	1117	15.49	000	~8>		
	-										
		-					<del> </del>				
Sample Para	ameter	Sample V	/olume	Bot	tle Type	Number	of Bottles	Preserva	ation/Prep		
VOL	_	4	0 1	<b>\</b> 1	o.A	3		HL			
7,00		1	<u> </u>		<u>on</u>			<u></u>	<u> </u>		
-						<del></del>			. 4		
									<u> </u>		
Comments/Observa	tions/Weather (	Conditions:	Partly (	المعسل م	J.28	Stell?	Mr. Rach	8) 15:	26		
		-	72-11	7	, , , , , , , , , , , , , , , , , , , ,	2 - 3	3	0			
		<del></del>						<u> </u>			
				<del></del>				-			
Low Flow Sampli		Well purge flow rate									
		minutes. If excessive uctivity, ±10% temperature.							e		
readings of ± 0.1	, ±3 /0 COHU	activity, ±10% tempe	rature, turbinity,	and DO. DI	sconnect III-IIIIt	water quanty I	neter brior to sa	வழாயத்.			

Site:	Genuin	e Parts				Well#	: <u>Mw-11</u>	(e)	
Location:	Indianap					Sample I.D. #	:Mw_11	1/MW	-161-DU
Job #:	21256	541D				Sample Time			
						Sample Date	9/12/1	1	
Personnel Present D Chris Ferguson, EN		<u></u>						Mes	
Well/Purging Inform Purging method:		ladder		1)	Well depth (from	top of measuring	point) (1	) 13	(ft)
Sampling method		Low-Flow	_		Depth to water pr		=	6.13	-(ft)
Tubing material		DPE	_		Length of water c				(ft)
Screen Length	LY	ft.		. 4)	Volume of water	-	(4	´——	(gal)
Top of well screen; Pump intake set at		ft. below measuring p ft. below measuring p			multiply #3 by 0. (Required for we		nd 0.0408 for 1" II		
Casing radius		in.	point		Number of purge				
		SS / Galv. Steel			Maximum volume				(gal)
	Other:								<del>-</del>
Dladdan Dumm Canta	Ilan Cattin an (	:f.,,,,,,1),	Daahamaa tima		10	(000)	D	: 13	(ai)
Bladder Pump Contr	oner Settings (	ii used):	Recharge time Discharge time		10	(sec)	Pressure Cycles per minute		(psi)
			2.00mge			(100)	Cycles per manuel		
Stabilization:									
	ъ л.	17.1	n i		0.1	m 1'1'		DO	onn
Time	Depth to Water (ft)	Volume Pumped ( )	Pumping Rate ()	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
1545	`	1 ampea ()	***************************************	ρπ -	( <u>·</u>	(1110)	Temp (C)	(IIIg/L)	(III V ) -
	(0.17		220				15 41.	<del>-</del>	
1609	6.17		770	7.00	1.73	<u> le.s</u>	17.51	0.00	101
1614	6.17		<u> </u>	7.00	1.73	17.6	17.56	000	104
1619	6.17	4.2		7.01	1.73	17.5	17.38	0.00	106
_									
	····								
							-		
							<del></del>		-
						<u> </u>			
Sample Para	ameter	Sample V		В	ottle Type	Number	of Bottles		ation/Prep
Voc		40 m	<u>.,                                    </u>	Ambe	r vok	4	)	HCI	
						·			
		O = 11.41 = 11.11	0 11 61	١	40 ma 1 m				
Comments/Observat	ions/weather (	Conditions:	Partly Cl	oudy)	~85*1		·		
Low Flore Coment	n	Woll murae flasses	of onnuo-it-1	0.51 /	on long Callant	in lina vuotaa	alitu maaaaa	nto and dans	h to
Low Flow Samplin		Well purge flow rate 5 minutes. If excessive							
		luctivity +10% tempe							

Site: Location:	Genuin Indianap					Well Sample I.D.		<u>63</u>	
Job #:	21256					Sample Tim		515	
Personnel Present Chris Ferguson, E		<u>:</u>							_
Well/Purging Info Purging metho Sampling meth Tubing mater Screen Leng Top of well scree Pump intake set Casing radi	od:	Low-Flow  _ ft ft. below measuring p _ ft. below measuring p _ in.		2) 1 3) 1 4) 1 5) 1	Well depth (from to Depth to water prio Length of water col Volume of water st multiply #3 by 0.10 (Required for well Number of purge vo	r to purging lumn in well: # anding in well 632 for 2" ID a le volume purgolumes requires	#1 - #2 = (3 and 0.0408 for 1") ging approach on ed (3	<b>ly</b> ) 5)	_(ft) _(ft) _(ft) _(gal)
Bladder Pump Co.	rial: PVC / #316 Other: ntroller Settings (i		Recharge time		Maximum volume	sec)	,	e:( e:	_(gal) (psi)
Stabilization:					_				
Time /355	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
1420	13.21		/00	6.85	0,982	0.0	19,25	0.00	10
1425	13.29		_/00	6.85	0.98457	0.0	19.23	0,00	5
1430	13.42		100	6.85	0.935	0.0	19.21	0.00	-19
1435-1	-			_					
1500	/3.00		/00	6,83	0.926	0,0	20.21	000	-73
1505	/3.30		100	6.84	0.921	0.0	20.26	0.00	-39
15102	13.41		100	6.85	0,919	0.0	79.96	0.00	-40
Sample Pa	arameter	Sample V	olume	_	ottle Type  L Amber	_	er of Bottles	Preserva HC1	ation/Prep
Comments/Observ	vations/Weather (	Conditions:	Cloudy	»·					
* Well dro 1. Paying po 2. Sample G	myonn y ensed for offerfed due	well recharge to low rechange	ge Rute	one rate	e reduced.				
	ents every 3 to	Well purge flow rate of minutes. If excessive water the state of the s	e drawdown (>0.	5 ft.), redu	ce purge rate (0.2	L/min). Sta	bilization with th		

Site:	Genuin Indianap		Well #:							
Job #:	21256	541D				Sample Time Sample Date		1		
Personnel Present : Chris Ferguson, El		<u> </u>								
Well/Purging Infor		)								
Purging metho		Sladde-	_		Vell depth (from t			26	$-\frac{(ft)}{(ft)}$	
Sampling methor  Tubing materi		Low-Flow	_		epth to water pri ength of water co			19.57	$-\frac{(ft)}{(ft)}$	
Screen Leng		ft.	_		olume of water so		1 - #2 = (3)		(ft) (gal)	
Top of well screen		ft. below measuring p	ooint			-	nd 0.0408 for 1" II	•	_(501)	
Pump intake set		ft. below measuring p					ng approach only			
Casing radio	us: 🔼	in.		5) N	lumber of purge v	volumes required	i (5)		_	
Well materi	Other:	SS / Galv. Steel		6) M	laximum volume	to be purged: #4	$4 \times #5 = (6)$		_(gal)	
Bladder Pump Con	ntroller Settings (	if used):	Recharge time		<del></del>	(sec)	Pressure		(psi)	
			Discharge time	e:	<u> </u>	(sec)	Cycles per minute	: <u> </u>		
Stabilization:										
T:	Depth to	Volume	Pumping		Conductance	Turbidity	T (0C)	DO	ORP	
Time LO47	Water (ft)	Pumped ()	Rate (M/mix	pH —	( <u>M3/CA)</u>	(NTU)	Temp (°C)	(mg/L)	(mV)	
1105	19.73		200	7.12	0.888	22.6	15.23	0.11	197	
1)10	19.73		200	7.08	0.890	14.1	15.1.0	0.00	188	
1115			200	7.07		8.0	15.15	0.00		
-	19.73				0.840				176	
1170	19.73		200	7.08	0.890	3.4	15.19	0.00	168	
1192	19.73		700	7.08	0.890	0.0	15.31	0.00	162	
1130	11.73		200	7.09	0.290	0.0	15.22	0.00	157	
1135	19.23		200	7.10	0.890	0.0	15.26	0,00	153	
Sample Pa	rameter	Sample V	olume		tle Type	Number 3	of Bottles	Preserva HU	ation/Prep	
			•							
				. 7.4.5	,	_				
Comments/Observ	auons/weather (	Londitions:	Overcast,	~ 70°17	•					
		···								
Low Flow Sample	-	Well purge flow rate								
		5 minutes. If excessive fuctivity, ±10% tempers							<u>e</u>	

Site:	Genuine Pa	rts	well #: MW-165D							
Location:	Indianapolis					Sample I.D. #	#: <u>MW-16</u>			
Job #:	21256411	)				Sample Time				
						Sample Date	= <u>9-(6-11</u>		<del></del>	
Personnel Present l	During Sampling:									
Chris Ferguson, EN										
Well/Purging Infor	mation:							<b>.</b>		
Purging metho			_	1) V	Vell depth (from t	top of measuring	g point) (1	0 <u>47                                    </u>	(ft)	
Sampling metho		v-Flow	<u>-</u>		Depth to water pri			2) <u>15.44</u>	(ft)	
Tubing materi Screen Leng			-		ength of water co olume of water s			31.56	$-\frac{(ft)}{(cc)}$	
Top of well screen		below measuring po	oint			-	4) nd 0.0408 for 1" I		(gal)	
Pump intake set		. below measuring po					ing approach onl			
Casing radio					Number of purge			5)	_	
Well materi	al: PVC / #316 SS and Other:	/ Galv. Steel		6) N	Aaximum volume	to be purged: #	4 x #5 = (6	5)	(gal)	
	Other:									
Bladder Pump Con	ntroller Settings (if us	ed):	Recharge time Discharge time	:	(	(sec)	Pressure	e:	(psi)	
			Discharge time	:	(	(sec)	Cycles per minute	e: <u></u>		
Stabilization:										
<u>Outomenton</u>										
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP	
Time	Water (ft) I	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)	
1215	<del>+4,41-</del> 14,7		160							
1235	<u> </u>		150	2,34	1,29	25.8	18.66	0.00	-95	
1240	14,71		150	7.36	1.34	25.4	18.37	0,00	-97	
1245	14.71	_	150	7.37	1,43	26.8	17,76	0.00	701	
1250	<u> 14.51                                   </u>		150	7.39	1,54	16.8	17,33	0.00	702	
1255	1471		120	7.40	1.55	/3.8	17 27	0,00	-102	
/300	14.71		150	7.41	1.57	8.7	12.09			
								<u>0.00</u>	<u>-102</u>	
1305	- <u>[4,71</u> -	<del></del>	150	7.40	1.59	<u>5.1_</u>	17./1	0,00	<u>-103</u>	
1310	<u> </u>		150	<u>).41</u>	1.59	<u>0.0</u>	17.12	0.00	703	
1315	<u> 14.71                                  </u>		150	7.40	1.60	0.0	12.11	0.00	<u> 703</u>	
1350	<u> </u>		150	7.42	1.60	<u>රුව</u>	17.18	0.00	-104	
			<del></del>				<del> </del>			
Sample Pa	rameter	Sample Vo	olume	Во	ttle Type	Numbe	r of Bottles	Preserv	ation/Prep	
					<del>: -</del>					
		·								
								-		
			0 11 01				_			
	ations/Weather Cond		Hanty Clo	ady	<u>୍ର</u> ୍					
JACONY E	Perelad: 132	<u>u</u>							<del></del>	
Low Flow Sample	ling: Well ents every 3 to 5 mi	ll purge flow rate of								
	pH, ±3% conducti									

Site:	Genuin	e Parts								
Location:	Indianap					Sample I.D.	#:	655		
Job #:	21256	541D				Sample Time	e: <u>1205</u>			
						Sample Date	e: <u>9-16-11</u>			
Personnel Present Do		Œ								
W 11/20 . Y C									-	
Well/Purging Inform Purging method:				1) \	Well depth (from t	on of measuring	a point)	1) <b>20</b>	(ft)	
Sampling method		Low-Flow	-		Depth to water pri	•	• •	2) 14.85	-(ft)	
Tubing material			-		ength of water co		,	3) 5,75	-(ft)	
Screen Length		ft.	-		Volume of water s			4)	(gal)	
Top of well screen;	10	ft. below measuring p	oint	1	multiply #3 by 0.1	632 for 2" ID a	and 0.0408 for 1" 1	ID wells.		
Pump intake set at	: <u>_/&gt;,১</u>	ft. below measuring po	oint	(	Required for we	ll volume purg	ing approach on	ly)		
Casing radius		in.			Number of purge v	_		5)	_	
Well material	: PVC / #316 Other:	SS / Galv. Steel		6) N	Maximum volume	to be purged: #	‡4 x #5 = (6	6)	_(gal)	
	-	<del></del>								
Bladder Pump Contr	oller Settings (	if used):	Recharge time			(sec)	Pressur		(psi)	
			Discharge time	:	(	(sec)	Cycles per minut	e:		
Stabilization:										
	Danish to	W-1	D .			m 1:1:		70.0	222	
Time	Depth to Water (ft)	Volume Pumped ( )	Pumping Rate ()	ъU	Conductance	Turbidity (NTU)	Town (9C)	DO	ORP	
		rumpeu ()	1 -	pН		(NIU)	Temp (°C)	(mg/L)	(mV)	
1110	14.88		150							
1135	14.88		150	7,28	0.981	0,0	17.06	0,00	-54	
1140	14,88		150	7,27	0.946	3,9	19 20	0,60	-65	
1145	14,89		150	722	0.940	3.8	71,70			
1175				1,21			20,08	0.00	-66	
1150	14,88		150	7,21	0930	<u> 0w</u>	20.85	0,00	<u>~ &gt;6</u>	
1155	14.89		150	2, 29	0.932	00	20.85	రం.రి	-76	
1200	14.89		150	7.26	0.934	0.0	20.81	0.00	->>	
							6501	0.00		
								<del></del>		
									•	
	-		*						<del></del>	
Sample Para	meter	Sample Vo	oluma	Po	ttle Type	Numbo	er of Bottles	D	ation/Prep	
Vor	inclo	1200				- Trumbe	> Donnes	Heserva		
				70	ML Amber		<u> </u>		<i>-</i> /	
					·····					
							· · · · · · · · · · · · · · · · · · ·			
					_					
Comments/Observati		Conditions:	Mostly Clo	404, M	205 61					
Stability 1	Renched: 1	<u> 200                                   </u>		رد						
		•								
									<del></del>	
Low Flow Samplin	ng:	Well purge flow rate o	of approximately (	0.5L/min or	less. Collect in	ı-line water ou	iality measureme	ents and denth	ı to	
	ts every 3 to 5	minutes. If excessive	e drawdown (>0.	ft.), reduc	e purge rate (0.2	L/min). Stat	oilization with th	ree successive	e	
readings of ± 0.1 p	H, ±3% cond	uctivity, ±10% temper	rature, turbidity, a	nd DO. Di	sconnect in-line	water quality	meter prior to s	ampling.		

Site: Location:	Genuine Indianapo			Well #: MW-166D  Sample I.D. #: MW-166D						
Job #:	212564					Sample Time		76D		
						Sample Date				
Personnel Present Chris Ferguson, El				,			•			
Well/Purging Infor								~.		
Purging metho	d:		_		Vell depth (from t	-	•	51	(ft)	
Sampling methor Tubing materi		Low-Flow	_		Depth to water pri- ength of water co		(2			
Screen Leng		ft.	_		olume of water s		1 - #2 = (3 (4		(gal)	
Top of well scree		ft. below measuring p	ooint		multiply #3 by 0.1	•			_ (8)	
Pump intake set	at: <b>48.5</b>	ft. below measuring p	ooint	(	Required for we	ll volume purgi	ng approach onl	<b>y</b> )		
Casing radi		_in.			Number of purge v	-	•	5)		
Well materi	ial: PVC / #316 S Other:	SS / Galv. Steel		6) N	Maximum volume	to be purged: #4	1 x #5 = (6	5)	_(gal)	
Bladder Pump Cor	_	fuead):	Pacherge time		,	(sec)	Droggur	e: (	(noi)	
<u>Diaddel 1 dilip Col</u>	itroner Settings (ii	uscu).	Recharge time Discharge time	:	(		Cycles per minute		(h21)	
Stabilization:						,	-, <sub>F</sub>			
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP	
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)	
1445	15.51		10	<u> </u>					-	
1500	15.51		150	7111	1.02	<u></u>	11 20	0.00	-91	
				<del></del>		60,3	16.70		<del>~96</del>	
1805	15.51		150	7,46	0.998	35.5	16.57	0.00	704	
1510	18,51		100	2.48	0.994	317	16.44	0.00	<u>~107</u>	
1515	15:51		150	<u>7.48</u>	0.992	18.9	16.40	0.66	708	
1520	15.51		150	7.48	0.991	11.1	16.31	0,00	7/08	
1525	15.52		150	2.49	0.990	4.4	16.20	<u> </u>	-109	
1530	15.52		150	7,48	0.989	0,5	16.17	<u></u> ලැලන	-1/0	
15-35	15.51		150	7,42	0.989	0.0	16.08	0.00	ruo	
1540	15.52		150	2.50	0.989	0.0	16.00	0.00	<u>~111</u>	
	12,5 4			-,,50	0.981	<u></u>		<u> </u>		
Sample Pa	rameter	Sample V	olume		ttle Type L Yo A	Number 9	of Bottles	Preserva HCI	ation/Prep	
						<del></del>				
Comments/Observ		onditions:	Cloudy,	200						
Stability De	sched: 154	0								
		~			,					
Low Flow Samp		Well purge flow rate minutes. If excessive								
		activity, ±10% tempe							<u> </u>	
						<u> </u>		<del></del>		

Site:	Genuine					Well#	1 MW-16	665	
Location:	Indianapo					Sample I.D. #		2.02	
Job #:	21256	41D				Sample Time Sample Date	-	,	-
						Sample Date	. <u>                                     </u>	<u> </u>	_
Personnel Present I Chris Ferguson, EN									
Well/Purging Infor					je šie				
Purging method				1) V	Vell depth (from	top of measuring	point) (	1) 20	(ft)
Sampling metho		Low-Flow	- -		Depth to water pri			2) 15.30	(ft)
Tubing materia		<b>C</b>	_		ength of water co			3) <b>4, 30</b>	— <sup>(ft)</sup>
Screen Lengt Top of well screen		_ft	oint		olume of water s multiply #3 by 0.1	•		4)	(gal)
Pump intake set a	· <del> · _ </del>	ft. below measuring p			Required for we				
Casing radiu		in.			Number of purge			5)	_
Well materia	al: PVC / #316 : Other:	SS / Galv. Steel		6) N	Aaximum volume	to be purged: #4	1 x #5 = (	6)	(gal)
Bladder Pump Con	troller Settings (i	fused):	Recharge time	<b>.</b> .		(sec)	Precent	e:	(nei)
<u></u>		<u> </u>	Discharge time				Cycles per minut		(psi)
Stabilization:									
<u> </u>									
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (ma/I )	ORP
13115	15.74	1 ampea ()	150	— PIT		(NTO)	Temp ( C)	(mg/L)	(mV)
1//-	15174			7211	125	32.5	12.72	4	- (6)
1400	15,7)		150	224	1,27	32.5	17.63	0.00	78
1405	15.33		180	7.23	1,22	20.5	17.52	0.00	<u></u>
1410	15.7		150	2,22	1,21	<u>9.4</u>	17,44	0,00	31
1415	15.76		150	<u> 7,20</u>	<i>1.</i> 21	<u> 5.4</u>	17.42	0.00	<u>41                                    </u>
1420	15.77		150	<u>&gt;.20</u>	1,21	0.0	17.40	6.00	2,8
1425	15,76		150	7.21	1,21	0.0	/>.38	0.00	62
1430	15.77		150	721	1,21	0.0	17.37	0.00	69
• • •	<del>, , , , , , , , , , , , , , , , , , , </del>						1		<u> </u>
-									
									<del></del>
Sample Par	rameter	Sample V	olume	Box	ttle Type	Number	of Bottles	Process	ation/Prep
1/0C	ameter	1200 01		40~	A	3	of Bottles	HC	-
	<del></del>			IUA	( r\rige				·
	<del>,</del>			· · · · · · · · · · · · · · · · · · ·					
			<b>N</b> • • • • • •						
Comments/Observa			Partly Clos	udy,	60°				
Stability 1	Reached: 1	430	)						
Low Flow Sample		Well purge flow rate of minutes. If excessive							
		ictivity, ±10% tempe							

Site:	Genuine	Parts				Well #	# MW-16	70 /0	uD
Location:	Indianapo					Sample I.D. #	#: <u>MW-16</u>	70	
Job #:	21256	41D				Sample Time		<del>-</del>	
						Sample Date	<u> 9-16-</u>	<i>II</i>	
	During Sampling:		•						
Chris Ferguson, E	NVIRON								<del>y</del>
Well/Purging Info	ormation:							~-	
Purging metho			_		Well depth (from			1) <b>33</b>	(ft)
Sampling meth		Low-Flow	_		Depth to water pri			2) 18.88	
Tubing mater Screen Leng		ft.	_		ength of water colors.			3) <u>14.12</u> 4)	— <sup>(ft)</sup> (gal)
Top of well scree		ft. below measuring p	oint			_	nd 0.0408 for 1" ]		_ (gui)
Pump intake set		ft. below measuring p					ing approach on		
Casing rad		_ in.			Number of purge			5)	_
Well mater	rial: PVC / #316 : Other:	SS / Galv. Steel		6) N	Maximum volume	to be purged: #	4 x #5 = (	6)	_(gal)
	_							2.0	
Bladder Pump Co	ntroller Settings (it	f used):	Recharge tim Discharge tim			(sec)	Pressur Cycles per minut		(psi)
			Discharge tim	ie: <u> </u>		(sec)	Cycles per minut	e: <u>4</u>	
Stabilization:									
	Donath to	Valores	Domenia		Can do atom -	The state of		DO	ODD
Time	Depth to Water (ft)	Volume Pumped ()	Pumping Rate ()	pН	Conductance	Turbidity (NTU)	Temp (°C)	DO (mg/L)	ORP (mV)
0905	18,96					(1110)		(IIIg/L)	(1117)
			150	<del>///</del>	1011	125	11110		- 25
09.35	- <u>18.95</u>		150	6.61	104	127	14,19	0.00	<u>~2&gt;</u>
0940	18.95		150	6722	1,01	<u>59.7</u>	<u> 14, 72</u>	<u> </u>	-65
0945	18.95		150	7,23	<u> </u>	51.2	14,76	0.00	-68
0950	18,95		150	7,26	1.01	31.1	14.83	0,00	-68
0955	18.96		150	7,31	1.01	19.8	14,91	0.00	-69
1000	18.95		150	7,29	7,01	13.6	14,94	0.00	-70
1005	18.96		150	7,32	1,01	9.4	14.97	0,00	- >3
1010	18.95		150	7.29	1.01	<u>67</u>	14.99	0.00	-73
	18.96			7.31			15.11		-72
1015			150	7.31	1,01	6.9		0.00	-21
1020	18.95		150	1,50	1.01	6.6	<u>15-21</u>	0.00	- //
Sample Pa	arameter	Sample V	olume	Во	ttle Type	Numbe	r of Bottles	Preserva	ation/Prep
110C		240 1	_	40 m	Amber	6	)	HC	:1
					<del></del>	<del></del>			
				· <u></u>					
			<u> </u>	~•					
	vations/Weather C		<u>Cloudy,</u>	<i>5</i> 0°					
Stability	Reached:	1020		<u> </u>					
	····								
Low Flow Samp		Well purge flow rate							
readings of ± 0.1	1 pH, ±3% condu	minutes. If excessive activity, ±10% temper	rature, turbidity.	and DO. D	isconnect in-line	e water quality	meter prior to s	ampling.	<u> </u>

Site:	Genuin	e Parts				Well	#: MW-1	73	
Location:	Indianap	olis, IN				: /NW~1) <u>Z</u>			
Job #:	21256	541D				Sample Tim			
		_				Sample Dat	e: <u>9-15-</u>	11	
Personnel Present D		<u>:</u>							
Chris Ferguson, EN	VIRON				<del></del>		<del></del>		,
Well/Purging Inform				1)	37-11 Janeh (from 6		i-t) (	1) 18	(fe)
Purging method Sampling method		Low-Flow	-		Well depth (from t Depth to water pri-			1) /8 / 2) //.09	—(ft)
Tubing material		LOW-PIOW	-		Length of water co			3) <b>3.9</b> 1	—(ft)
Screen Length		ft.	-		Volume of water s			4)	—(R)
Top of well screen;		ft. below measuring po	oint	7)	multiply #3 by 0.1				— (gai)
Pump intake set a		ft. below measuring po			(Required for we				
Casing radius		in.	Silit		Number of purge v			5)	
-		SS / Galv. Steel			Maximum volume	_		6)	— (gal)
Well materia	Other:	337 Gaiv. Steel		0)	Waximum volume	to be purged.	( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	···	(gai)
Bladder Pump Contr	rallar Sattings (i	if yead):	Recharge time	•	,	(soa)	Draggue	re:	(nci)
Biadder Pump Com	roner Seumgs (	ii usea):	Discharge time			(sec) (sec)	Cycles per minut		(psi)
Stabilization:									
Stabilization.									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
1215	14.15	~	150	_		_			
1250	14.14		150	7,15	0,774	DeO	18.31	2.80	171
1255	10.17			7/10			(C: 2)		·
	1415		_150_	1,11	0.767	<u>0.0</u>	Bidde	<u>2.39</u>	169
1300	14.15		150	416	0.166	0.0	18.27	<u>alla</u>	165
1305	14.15		150	7. 14	0.767	0.0	18.17	1.88	163
1310	14.15		160	7,16	0 >6>	0.0	18.16	1.85	161
1315	14.15		150	7,14	0,767	0.0	18.21	1 30	160
1313	19 (10		750	777	<u> </u>		10,01	10 7 1	700
-									
	•								-
								,	
									•
Sample Para	ameter	Sample Vo	olume		ottle Type		er of Bottles	Hel	ation/Prep
		- POD ML		40m	L MADES		<u> </u>		<u>,                                      </u>
*									
					<del></del>				
Comments/Observa	tions/Weather C	Conditions:	Sunny - Pa	the clar	du 55°				
Stability Reach	<u> 1315</u>			3	٦٠ -				
	-								
Low Flow Sampli		Well purge flow rate of							
		5 minutes. If excessive							ve
readings of ± 0.1	pH, ±3% cond	luctivity, ±10% temper	rature, turbidity,	and DO. I	Disconnect in-line	water quality	y meter prior to s	sampling.	

Site:	Genuin					Well		74D	
Location:	Indianap					-	#: <u>MW - 1)                                  </u>	1 D	
Job #:	21256	541D		1		Sample Tim			
						Sample Dat	e: <u>9-13-11</u>		
Personnel Present D Chris Ferguson, EN		<u>:</u>							
Chris Ferguson, EN	IVIRON	,							
Well/Purging Inform	<del></del>							1 48	(6)
Purging method		I Fi	_		Well depth (from	-		·	(ft)
Sampling method		Low-Flow	_		Depth to water pr		,		(ft)
Tubing materia		C.	_	•	Length of water c			3) <b>_26.63</b>	
Screen Length		ft.		•	Volume of water	-		4)	(gal)
Top of well screen		ft. below measuring p					and 0.0408 for 1" l		
Pump intake set a		ft. below measuring p	point				ing approach on	ly)	
Casing radiu		— <sup>in.</sup>			Number of purge			5)	_
Well materia	al: PVC / #316	SS / Galv. Steel		6) 1	Maximum volume	e to be purged: #	$44 \times 45 = $ (6	6)	(gal)
	Other:								
Bladder Pump Cont	troller Settings (	if used):	Recharge time	<b>::</b>		(sec)	Pressur	e:	(psi)
			Discharge time			(sec)	Cycles per minut		(F==)
								~~~	•
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
1015	21,44		200		<u></u>			-	
1046	21 114		200	7.24	1.38	5.8	16.84	() 00	-91
10 10	21 100			7.07	1.50			<u> </u>	
1041	21, 44		200	727	1.39	5.1	16.82	0,00	<u>-97</u>
1054	21,44		<b>એજ</b>	7.30	1.42	4. )	16.77	0,00	<u> 7/02</u>
1057	21 44		200	7.32	1.42	3.9	16.69	0,00	<del>-105-</del>
1/02	71 ""			7.30	1112	3.8			
1100	<u> </u>	·	<u> 20ට </u>	1,30	119 5	<u> </u>	16.72	<u> </u>	<u> 704</u>
									·
Sample Par	rameter	Sample V	/olume		ottle Type	Numbe	er of Bottles	Preserv	ation/Prep
		120 40 m		40	aL UOA		5	_ HC	1
		CAF							
-				-	·				
G . (O)		a	6 5	- , 1	C.	/ 11	70°F		
Comments/Observa		Conditions:	Sunny, 5	why pu	ecse from	704TL	70 7		
7 MAPI II 'S KE	achec . II								
				•					
Low Flow Sampli		Well purge flow rate							
		5 minutes. If excessive							/e
readings of $\pm 0.1$	pH, ±3% cond	luctivity, ±10% tempe	erature, turbidity, a	and DO. D	isconnect in-lin	e water quality	meter prior to s	ampling.	

Site:	Genuine Indianap		·			Well # Sample I.D. #		1745	
Job #:	21256					Sample Time	e: <b>1216</b>		
						Sample Date	e: <u>9~13~11</u>		
Personnel Present Chris Ferguson, E		<u> </u>							_
Well/Purging Info	rmation:							4	
Purging metho			_		Well depth (from t	-		1)	(ft)
Sampling meth Tubing mater		Low-Flow	<b></b>		Depth to water pri Length of water co		(41 #2 - (	2)	—(ft)
Screen Leng		ft.	-	-	Volume of water s			3)	—(II) (gal)
	Top of well screen; ft. below measuring point					•	nd 0.0408 for 1"		_(8/
Pump intake set	at:	ft. below measuring p	oint	(	Required for we	ll volume purg			
Casing radi		in.			Number of purge v	_		5)	<b>—</b> ,
Well mater	ial: PVC / #316 Other:	SS / Galv. Steel		6) 1	Maximum volume	to be purged: #	4 x #5 = (	6)	(gal)
Bladder Pump Cor	ntroller Settings (i	if used):	Recharge time	:	(	(sec)	Pressur	re:	(psi)
			Discharge time			(sec)	Cycles per minut		, (F==)
	*								
Stabilization:									
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)
1115	21.49		150						-
1157	2151		150	710	3.14	4.8	20.93	0,00	~60
1100	21.51			7.10					
1158	<u> 21.51</u>	•	150	512	3.66	1.6	19.57	0.00	<u>-54</u>
1200	41.51		150	2.13	3.75	0.0	19.40	<u>೧.೦೦</u>	<u>~5°)</u>
1203	21,31		<u> 150 </u>	7,14	3,75	<u>0,0</u>	<u> 19,36</u>	0.00	<u>,-5)</u>
1206	21.51		_/50	<u> 7113</u>	3,77	0,0	19.31	0,00	<u>-55</u>
					<u> </u>		<del></del>		
	-, - <del></del>								
					***************************************				
Sample Pa		Sample V	/_l	D-	ttle Type	NIt	er of Bottles	<b>D</b>	· · · · /D
Sample Fa	arameter	Sample v	oiume	ъ	ttie Type	Numbe	er of Bottles	Preserv	ation/Prep
<del></del>			<u> </u>						
		-							
								·	
<del></del>						-			
Comments/Observ	vations/Weather C	Conditions:	Sunny , Miè	S-hool	n's beer	Te Stom	South w/9	usts	
Stubility		1206	, /3.0	<del>3~ /</del>	03   90	<del>22 \ 011.</del>	3	<del>,</del>	
Low Flow Samp	oling:	Well purge flow rate	of approximately (	0.5L/min.o	rless Collection	n-line water ou	iality measurem	ents and dent	h to
		minutes. If excessive							
		uctivity, ±10% tempe							

O. Silvina

Site: Location:	Genuin Indianar						MW-1				
Job #:	2125					Sample Time					
						Sample Date	9-13-1	<u> </u>			
Personnel Present De Chris Ferguson, EN		<u>g:</u>									
Well/Purging Inform				1 . 3	W-11 1 (6			1)	(6)		
Purging method: Sampling method		Low-Flow	_		Well depth (from Depth to water pri	-		) ———			
Tubing material		Low-Plow	-					2)			
Screen Length	-	ft.	_	3) Length of water column in well: #1 - #2 = (3) (ft) 4) Volume of water standing in well (4) (gal)							
Top of well screen;		ft. below measuring p	ooint		multiply #3 by 0.	-			_ (8)		
Pump intake set at	i:	ft. below measuring p	ooint	(	Required for we	ll volume purgi	ng approach on	y)			
Casing radius	»: <u> </u>	in.		5) 1	Number of purge	volumes required	I (:	5)			
Well material	l: PVC / #316 Other:	SS / Galv. Steel		6) Maximum volume to be purged: #4 x #5 = (6) (gal							
Bladder Pump Contr	oller Settings (	(if used):	Recharge time Discharge time	:		(sec)		e:	_(psi)		
			Discharge time	:		(sec)	Cycles per minut	e:	-		
Stabilization:											
	Depth to	Volume	Pumping		Conductance	Turbidity		DO	ORP		
Time	Water (ft)	Pumped ()	Rate ()	pН	()	(NTU)	Temp (°C)	(mg/L)	(mV)		
1315	<u> 22.09</u>		200								
1350	2211		200	7,55	0.9673	85.3	1588	0,0	7120		
<del>1</del> =	37 11		200		0.961	33.9	1545	0.0	- <del></del>		
1355	0011			7,58			15:41		<u>~/26</u>		
1500	2211		200_	7.56	0.962	25.4	15.46	0.0	<u> </u>		
1405	2211		<del>२</del> ००	7.54	0.962	23,5	15.48	0.0	-125		
1410	$\overline{22.11}$		200	7.55	0,964	219,	15.35	0.0	-128		
1415	22,11		200	7,57	0.964	13.0	1522		-131		
		·	200	<del>-,5,</del>			10.00	0.0			
1420	75.11		<del>~~0</del>	457	0,964	9.8	15.39	02	-130		
1425	351		<u> 200</u>	7.56	0.964	9,4	15.32	<u>6,0</u>	<u> </u>		
1430	3-5.11		<u> </u>	7.57	0.964	9.1	15.36	0.0	<u>~/3/</u>		
Sample Para	ameter	Sample V		во <b>40</b>	nttle Type		of Bottles	Preserv HC	vation/Prep		
		JAC MI			MI VON				<u> </u>		
								<u> </u>			
Comments/Observat	tions/Weather	Conditions:	Sunny, mi	809	5, wind	5-10ph	from So.	<u>th</u>			
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					_ "					
-	<u>.</u>										
Low Flow Sampling water measurement		Well purge flow rate 5 minutes. If excessive									
		ductivity, ±10% tempe									

Personned Present During Surreling:   Chris Perguson, ENVIRON	Site: Location:	Genuine Parts Indianapolis, IN	-			Well i			
Sample Date:   973-		-	-					73 3	
Personnel Person Durine Sampling:   Chris Perguson, ENVIRON		21230112	-			•		11	
Welf Purpose (Information:   1) Well depth (from top of measuring point)   1)   (fit)   (fit						•			
Purping methods									
Sample parameter   Low-Flow   2) Depth to water prior to paging   2)   20.55 (ft)				13.3	37 11 1 d cc			1)	(6)
Tubig material:							-	· — -	<del>-</del> ' '
Screen Length:   ft.			_						<b>—</b> ' '
Pampi Intake set at:				-	_				_ ` `
Casing radius	Top of well screen;	ft. below measuring	g point		multiply #3 by 0.1	632 for 2" ID a	nd 0.0408 for 1" l	D wells.	_
Well material:   PVC	-						ly)		
Discharge time:						_		· —	<b>–</b> ,
Discharge time:	Well material			6) 1	Maximum volume	to be purged: #	$4 \times #5 = $ (	6)	-(gal)
Depth to   Volume   Pumping   Conductance   Turbidity   Temp (**C)   (mg/L)   (mV)	Bladder Pump Contro	oller Settings (if used):	Recharge time:		(	(sec)	Pressur	re:	(psi)
Depth to   Volume   Pumping   Conductance   Turbidity   Temp (°C)   (mg/L)   (mV)			Discharge time:		(	(sec)	Cycles per minut	e:	
1	Stabilization:								
1		Depth to Volume	Pumping		Conductance	Turbidity		DO	ORP
15   15   15   15   15   15   15   15	Time	•		pН	()	•	Temp (°C)	(mg/L)	
15   15   15   15   15   15   15   15	1455	22.23 -	1500						
15   15   15   15   15   15   15   15	16-14 30	12 22	150	711	122	<u>~</u>	200 119	40	-Q
Supple Parameter   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC	10 July 20 Jul	<u> </u>			1.5/	3.8			
Sample Parameter    Sample Parameter   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep	<u>/535</u>	22,23		<u>&gt;.11                                   </u>		9.6	20.36	0.0	<u> </u>
Sample Parameter  Sample Parameter  Sample Volume  Bottle Type  Well purge flow rate of approximately 0.51/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	1540	<u> </u>	150	7/0	1.45	8.7	90.75	0,0	_ 7
Sample Parameter  Sample Parameter  Sample Volume  Bottle Type  Well purge flow rate of approximately 0.51/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	1545	22:23	150	209	1.47	8.3	19.46	0.0	14
Sample Parameter    Sample Parameter   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC     Comments/Observations/Weather Conditions:   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC     Comments/Observations/Weather Conditions:   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC     Comments/Observations/Weather Conditions:   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC     Comments/Observations/Weather Conditions:   Sample Volume   Bottle Type   Number of Bottles   Preservation/Prep   HC     Comments/Observations/Weather Conditions:   Sample Volume   Sample Vol		22.22		<u> </u>					
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	1750	20.2	<u> </u>	<u>411</u>	1,17	<u>8. 5</u>	17.51	<u>.0.0</u>	15
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	<u> </u>					•	· .		
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive					•				
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive						<u> </u>			
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
Comments/Observations/Weather Conditions:  Stability Reclass 1/550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
Comments/Observations/Weather Conditions:  Stability Rectail 1550  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive		meter Sample	Volume					_	ation/Prep
Low Flow Sampling:  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive							<u> </u>		
Low Flow Sampling:  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
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Low Flow Sampling:  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive									
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Low Flow Sampling:  Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive			Sanny, M	W 80	5 Breez	a from Se	ant L		
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	_ JANAME	FACENOS 11360			<u> </u>				
Low Flow Sampling: Well purge flow rate of approximately 0.5L/min or less. Collect in-line water quality measurements and depth to water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	* MS/ASD co	Hactor							
water measurements every 3 to 5 minutes. If excessive drawdown (>0.5 ft.), reduce purge rate (0.2 L/min). Stabilization with three successive	• •								
	-								
									<u> </u>